

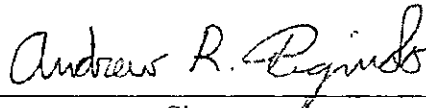
**CULTURAL RESOURCE SURVEY AND TESTING
FOR THE POTRERO VALLEY ROAD
TENTATIVE MAP, POTRERO, CALIFORNIA
(TM 5484RPL, ER 06-19-004)**

Project Common Name:
Potrero Valley Road TM

Permit Numbers/DPLU Environmental Log No:
TM 5484/ER 06-19-004

Lead Agency:
County of San Diego
Department of Planning and Land Use
Contact: Christine A. Sloan
5201 Ruffin Road, Suite B
San Diego, CA 92123
(858) 694-2969

Preparers:
Andrew Pignuolo, RPA
Elizabeth Davidson, RPA
Anne Pierce Cooper
Stephanie Sandoval, BA
Heather Kwiatkowski, BA
Laguna Mountain Environmental, Inc.
7969 Engineer Road, Suite 208
San Diego, CA 92111
(858) 505-8164



Signature

Project Proponent:
Mr. Richard Brown
R.D. Brown Company, Inc.
1850 Willowhaven Road
Encinitas, CA 92024

July 2009

RECEIVED
JUL 31 2009

**DEPARTMENT OF PLANNING
AND LAND USE**

National Archaeological Data Base Information

Authors: Andrew Pignuolo, RPA, Elizabeth Davidson, RPA, Anne Pierce Cooper, Stephanie Sandoval, BA, and Heather Kwiatkowski, BA

Firm: Laguna Mountain Environmental, Inc.

Client/Project Proponent: Mr. Richard Brown

Report Date: July 2009

Report Title: Cultural Resource Survey and Testing for the Potrero Valley Road Tentative Map, Potrero, California (TM 5484RPL, ER 06-19-004)

Type of Study: Cultural Resource Survey and Testing Program

New Sites: CA-SDI-17916 through CA-SDI-17918 (PO-S-1 through PO-S-5) and P-37-027496 through P-37-027504 (PO-I-1 through PO-I-4)

Updated Sites: None

USGS Quadrangle: Potrero 7.5' minute

Acreage: Approximately 73.6-Acres

Permit Numbers: TM 5484

Key Words: County of San Diego, Potrero, Positive Survey, Testing, Pottery, Projectile Points, Bedrock Milling Features, Lithics, Santiago Peak Volcanics, Groundstone, Isolates, Historic Structures, Historic Rock Wall, Historic Trash Scatters, CA-SDI-17916 through CA-SDI-17918 (PO-S-1 through PO-S-5) and P-37-027496 through P-37-027504 (PO-I-1 through PO-I-4)

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
LIST OF ACRONYMS AND ABBREVIATIONS	vi
EXECUTIVE SUMMARY	vii
1.0 INTRODUCTION	1
1.1 <u>Project Description</u>	1
1.1.1 Project Summary	1
1.1.2 Project Personnel	1
1.1.3 Structure of the Report	6
1.2 <u>Existing Conditions</u>	6
1.2.1 Environmental Setting	6
1.2.2 Cultural Setting	8
Prehistoric Period	8
<u>Paleoindian Period</u>	8
<u>Archaic Period</u>	8
<u>Late Prehistoric Period</u>	9
Ethnohistoric Period	10
Historic Period	10
<u>Spanish</u>	11
<u>Mexican</u>	11
<u>American</u>	11
1.2.3 Record Search Results	11
1.3 <u>Applicable Regulations</u>	13
1.3.1 California Environmental Quality Act (CEQA)	13
1.3.2 San Diego County Local Register of Historic Resources (Local Register)	15
1.3.3 San Diego County Resource Protection Ordinance (RPO)	16
2.0 GUIDELINES FOR DETERMINING SIGNIFICANCE	17
2.1 <u>Defining the Cultural Environment</u>	17
2.1.1 Building	17
Moved Buildings, Structure, or Objects	17
Cultural Resources Achieving Significance Within the Past	
Fifty (50) Years	18
Reconstructed Buildings	18
2.1.2 Site	18
2.1.3 Structure	18
2.1.4 Object	18
2.1.5 Landscape and Traditional Cultural Properties	18
2.1.6 Prehistoric and Historic Districts	19

TABLE OF CONTENTS

(Continued)

<u>Section</u>	<u>Page</u>
2.2 <u>Criteria for the Determination of Resource Importance</u>	19
3.0 RESEARCH DESIGN	24
3.1 <u>Survey Research Design</u>	24
3.2 <u>Testing Research Design</u>	24
3.2.1 <u>Integrity</u>	24
3.2.2 Native American Heritage Concerns	24
3.2.3 Research Potential	24
3.2.4 <u>Theoretical Orientation</u>	25
3.2.5 Research Topics, Implications, and Data Requirements	25
Prehistoric Subsistence	25
Prehistoric Chronology	26
Prehistoric Mobility and Exchange	27
4.0 ANALYSIS OF PROJECT EFFECTS	28
4.1 <u>Methods</u>	28
4.1.1 Survey Methods	28
4.1.2 Test Methods	39
4.1.3 Laboratory and Cataloging Procedures	30
4.1.4 Curation	30
4.1.5 Native American Participation/Consultation	30
4.2 Survey Results	31
4.2.1 Sites	33
4.2.2 Isolates	34
4.3 Testing Results	35
4.3.1 CA-SDI-17916	36
4.3.2 CA-SDI-17918	65
4.3.3 P-37-027498 and P-37-027500	92
5.0 INTERPRETATION OF RESOURCE IMPORTANCE AND IMPACT	110
5.1 <u>Resource Importance</u>	110
5.2 <u>Impact Identification</u>	111

TABLE OF CONTENTS
(Continued)

6.0	MANAGEMENT CONSIDERATIONS-MITIGATION MEASURES AND DESIGN CONSIDERATIONS	113
6.1	<u>Mitigable Impacts</u>	113
6.2	<u>Non Significant Adverse Effects</u>	113
7.0	REFERENCES	115
8.0	LIST OF PREPARERS AND PERSONS AND ORGANIZATIONS CONTACTED	118
9.0	LIST OF MITIGATION MEASURES AND DESIGN CONSIDERATIONS ..	119

APPENDICES

- A. Resumes of Principal Investigators**
- B. Native American Correspondence**
- C. Artifact Catalogues**
- D. Photograph Logs**
- E. Records Search Confirmation and Site Locations (Confidential)
(In Confidential Appendix)**
- F. Site Forms and Site Form Updates (Confidential) (In Confidential Appendix)**
- G. Confidential Figures (Confidential) (In Confidential Appendix)**

LIST OF FIGURES

Number	Title	Page
1	Regional Location Map	3
2	Project Location	4
3	Project Plan	5
4	Project Location and Associated Cultural Resources	32
5	CA-SDI-17916 Overview Photographs	37
6	CA-SDI-17916 Site Overview Map	38
7	CA-SDI-17916 Distribution of Surface Artifacts	39
8	CA-SDI-17916 Unit 1 Profile	41
9	CA-SDI-17916 Unit 2 Profile	42
10	CA-SDI-17916 Projectile Point	53
11	CA-SDI-17916 Artifact Illustrations Bifacial Tools	54
12	CA-SDI-17916 Artifact Photos Scraping Tools	58
13	CA-SDI-17916 Artifact Photos Retouched Flake Tool	60
14	CA-SDI-17916 Artifact Illustrations Retouched Flakes	61
15	CA-SDI-17918 Site Overview Photograph	66
16	CA-SDI-17918 Site Overview Map	67
17	CA-SDI-17918 Distribution of Surface Artifacts	68
18	CA-SDI-17918 Milling Feature A	70
19	CA-SDI-17918 Milling Feature B	71
20	CA-SDI-17918 Milling Feature C	72
21	CA-SDI-17918 Milling Feature D	73
22	CA-SDI-17918 Features E and F	74
23	CA-SDI-17918 Unit 1 Profile	76
24	CA-SDI-17918 Unit 2 Profile	77
25	Rancho Potrero Site Map	93
26	P-37-027498 Site Plan	94
27	P-37-027498 Current Residence Plan	96
28	P-37-027498 Residence Overview Photographs.....	97
29	P-37-027498 Additional Residence Overview Photographs.....	98
30	P-37-027498 Barn #1 Overview Photographs.....	99
31	P-37-027498 Barn #2 Overview Photographs.....	101
32	P-37-027498 Hay Barn Overview Photographs.....	102
33	P-37-027498 Cabin Overview Photographs.....	103
34	P-37-027498 Chicken House Overview Photographs.....	105
35	P-37-027498 Pole Vehicle Shelter Overview Photographs.....	106
36	Alexander Pantages Visiting San Diego.....	108
37	Cultural Resources and Proposed Impacts.....	112

LIST OF TABLES

Table	Title	Page
1	Archaeological Investigations Within a One-Mile Radius of the Project Area	12
2	Recorded Cultural Resources Within a One-Mile Radius of the Project Area	12
3	Summary of Cultural Resource Results	31
4	CA-SDI-17916 Surface Collection Results	44
5	CA-SDI-17916 Cultural Material by Provenience	50
6	CA-SDI-17916 STP and Unit Results by Provenience	51
7	CA-SDI-17916 STP Results by Depth	51
8	CA-SDI-17916 Unit 1 Summary by Depth	52
9	CA-SDI-17916 Bifacial Tool Attributes	52
10	CA-SDI-17916 Flaked Lithic Tool Attributes.....	55
11	CA-SDI-17916 Debitage Materials and Condition	63
12	CA-SDI-17916 Groundstone Tool Attributes	63
13	CA-SDI-17918 Bedrock Milling Summary	69
14	CA-SDI-17918 Surface Collection Results	79
15	CA-SDI-17918 Cultural Material by Provenience	84
16	CA-SDI-17918 STP Results by Provenience	85
17	CA-SDI-17918 STP Results by Depth	86
18	CA-SDI-17918 Unit 1 Summary by Depth	87
19	CA-SDI-17918 Unit 2 Results by Depth	87
20	CA-SDI-17918 Flaked Lithic Tool Attributes	88
21	CA-SDI-17918 Debitage Materials.....	89
22	CA-SDI-17918 Historic Artifact Classes.....	90
23	CA-SDI-17918 Glass Type by Condition.....	91

LIST OF ACRONYMS AND ABBREVIATIONS

APE (Area of Potential Effects)
ARMR (Archaeological Resource Management Report)
CA (California)
California Register (California Register of Historic Resources)
CEQA (California Environmental Quality Act)
CM (Centimeter)
CRM (Cultural Resource Management)
EIR (Environmental Impact Report)
Ft (Feet)
Laguna Mountain (Laguna Mountain Environmental, Inc.)
Local Register (San Diego County Local Register of Historic Resources)
M (Meter)
MOU (Memorandum of Understanding)
MUP (Major Use Permit)
NEPA (National Environmental Policy Act)
NHPA (National Historic Preservation Act)
RPO (Resource Protection Ordinance)
SCIC (South Coastal Information Center)
SDI (San Diego County)
SDM (San Diego Museum of Man)
STP (Shovel Test Pit)
TPM (Tentative Parcel Map)

EXECUTIVE SUMMARY

ABSTRACT

Laguna Mountain Environmental, Inc. (Laguna Mountain) conducted an archaeological survey of a 73.6-acre parcel for the proposed Potrero Valley Road Tentative Map Project. Archaeological and historical research included a records search, literature review, examination of historic maps, and archaeological field inventory of the property. A testing, evaluation, and data recovery program was also conducted at four of the five archaeological sites within the project area as part of an impact evaluation for the project.

Cultural resource work was conducted in accordance with the California Environmental Quality Act (CEQA) and the County of San Diego implementing regulations and guidelines including the County of San Diego Resource Protection Ordinance (RPO). The County of San Diego will serve as lead agency for the project and CEQA compliance.

Records searches at the South Coastal Information Center and the San Diego Museum of Man indicated that the project area had not been previously surveyed for cultural resources, and that only three cultural resources have previously been recorded within a one mile radius of the project. No sites have been previously recorded in the project area itself.

The survey of the project area was conducted on May 31 and June 2, 2006 by Mr. Andrew R. Pignolo, RPA., Ms. Elizabeth Davidson, and Mr. Spencer Bietz. Brush within most of the project area was sparse and it was possible to survey the entire area in 10 to 15 meter (m) transect intervals. Surface visibility was approximately 70 percent throughout the project area. Special attention was paid to rock outcrops, knoll tops and a drainage located in the southern portion of the project area. The cultural resources survey of the project adequately served to identify cultural resources.

The cultural resource survey identified five cultural resources [CA-SDI-17916 (PO-S-1), CA-SDI-17917 (PO-S-2), CA-SDI-17918 (PO-S-3), P-37-027498 (PO-S-4), and P-37-027500 (PO-S-5)] and four isolated artifacts [P-37-027501 through P-37-027504 (PO-I-1 through PO-I-4)] within the project area. CA-SDI-17916 consisted of a prehistoric temporary camp with multiple loci and associated lithics. CA-SDI-17917 has a prehistoric component consisting of bedrock milling features and associated lithics, as well as a historic component consisting of a rock wall and associated trash scatter. P-37-027496 is a historic water tank base with a modern water tank. CA-SDI-17918 has a prehistoric component consisting of bedrock milling features and a sparse lithic scatter along with a historic component consisting of a refuse scatter. P-37-027500 is a historic home and ranch site with an isolated lithic present. P-37-027501 through P-37-027504 consist of isolated Santiago Peak Volcanic and quartz flakes.

CA-SDI-17916, CA-SDI-17917, CA-SDI-17918, P-37-027498, and P-37-027500 have not been previously evaluated for nomination to the California Register or for significance under the County RPO. Under new County Guidelines, any site that yields information or has the potential to yield information is considered a significant site. As isolated artifacts with limited research value, P-37-027501 through P-37-027504, are not eligible for the California Register or significant under the County RPO. Site CA-SDI-17916, CA-SDI-17918, P-37-027498, and P-37-027500 should be avoided and incorporated into open space easements if possible.

The current project design proposes impacts to four of the five archaeological/historical sites. Under the California Environmental Quality Act (CEQA), the County Resource Protection Ordinance (RPO), and the new County of San Diego guidelines, proposed impacts to significant cultural resources need to be considered in the planning process. The new County Guidelines treat all archaeological sites with integrity as having the potential to yield information and as significant and therefore mitigation is required. The purpose of the testing program is to determine if the sites retain integrity and if additional cultural material in the form of subsurface components are present. Site CA-SDI-17917 will be incorporated into an open space easement and no impacts will occur to this site and testing is not required.

Testing was conducted between January and February 2008 at sites CA-SDI-17916, CA-SDI-17918, P-37-027498, and P-37-027500. It included development of a research design with appropriate research questions, detailed site mapping, surface collection of any artifacts, recordation of bedrock milling, subsurface excavation, and analysis. To address the historic structures, historic archival research was also conducted.

The testing and evaluation program was completed on February 21, 2008 and included surface collection, the excavation of STPs and units at sites CA-SDI-17916 and CA-SDI-17918. At CA-SDI-17916, fifty-eight STPs and two units were excavated, of which seven STPs and one unit contained cultural materials. At CA-SDI-17918, twenty STPs and two units were excavated, of which six STPs and both units contained cultural materials. Four milling features and two stacked rock features were also recorded at this site. Evaluation at P-37-027498 and P-37-027500 included field documentation and description along with archival studies and historic research. Photographs and project records for this inventory and testing program will be temporarily curated at Laguna Mountain until final curation arrangements can be made at the San Diego Archaeological Center or another appropriate regional repository.

The testing indicated that site CA-SDI-17916 was a largely San Dieguito and/or Archaic Period resource with a small Late Prehistoric component on the eastern edge of the site. Deposits were essentially limited to the surface, although much of the site area was deflated. The surface assemblage was collected during the current study. Because the surface site material was collected during the testing program and subsurface deposits are essentially absent, no additional research information remains at the location of CA-SDI-17916 and further data recovery is not warranted.

Site CA-SDI-17918 includes both a historic and prehistoric component. The historic component is largely a surface scatter of mixed age dominated by scattered material from the nearby ranch at P-37-027500. The prehistoric component includes a small amount of bedrock milling with limited use and a sparse prehistoric subsurface component. The limited size of the subsurface component and limited content in terms of both artifact quantities and variety indicated that only limited additional information is present. The absence of datable material and artifact types and quantities to meet the data needs established in the research design also indicate that CA-SDI-17918 does not contain additional important research potential and that additional data recovery is not warranted. CA-SDI-17916 and site CA-SDI-17918 do not meet the criteria for significance under the County RPO.

P-37-027498 and P-37-027500 have local significance through their association with a figure, who although of national importance, may not have had a sufficiently long term or close association with the property to give it significance on a national scale. The local community history lends the property significance through its association with employment of residents of Potrero at the time of the Great Depression. The horses, whether owned by Alexander Pantages or others, would have required daily tending, exercise and management.

The buildings associated with the ranch are significant in that they represent a specific type of structure functioning for a specific use, which was stabling horses. In summary, the Potrero Horse Ranch is significant locally due to its association with the Potrero community and as an example of a horse ranch whose working buildings retain a degree of integrity such that they could be restored and returned to their original use. The existing residence is not considered a part of the significant resource due to its recent age and lack of association with the historic component of the site.

The Potrero Ranch (P37-027498, and P37-027500) will not be directly impacted by the project. Indirect impacts associated with future maintenance and upkeep may result from the current project. It is recommended that the historic integrity of the structures be maintained throughout the proposed use. To mitigate indirect impacts from this project and ensure future protection of the Potrero Ranch, a Use, Maintenance, and Repair Easement is recommended, as well as official Landmark Designation with the County of San Diego Historic Site Board.

The potential for additional buried prehistoric and historic resources based on historic research and survey results is present. Implementation of an archaeological monitoring is recommended to mitigate potential impacts to undiscovered buried archaeological deposits. This program shall include both a qualified archaeological monitor and a Native American Monitor. In the event that previously unidentified potentially significant cultural resources are discovered, the archaeologist, in consultation with County staff archaeologist, shall determine the significance of the discovered resources. For significant cultural resources, a Research Design and Data Recovery Program to mitigate impacts shall be prepared by the consulting archaeologist and approved by the County Archaeologist, then carried out using professional archaeological methods.

1.0 INTRODUCTION

1.1 Project Description

1.1.1 Project Summary

The proposed project is a minor subdivision of a 73.6 gross acre parcel (APN 654-020-65) into eight parcels with gross sizes ranging from 5 to 30 acres. The proposed project is for residential land use. As part of the project, residential development including building pads, access roads, and utilities would be graded and excavated.

The proposed project is located just north of the community of Potrero (Figure 1). The project area is along the east side of Potrero Valley Road along the southeastern margin of Big Potrero Valley. The property is at 24843 Potrero Valley Road. It is accessible from Potrero Valley Road and is located in Sections 17 and 18, Township 18 South, Range 4 East. The project is limited to the 73.6-acre proposed project area and no off-site improvements are proposed. The project area is shown on the USGS Potrero 7.5' Quadrangle (Figure 2).

The archaeological survey and testing was conducted pursuant to the California Environmental Quality Act (CEQA), and respective County of San Diego implementing regulations and guidelines including the Resource Protection Ordinance (RPO). The County of San Diego will serve as lead agency for CEQA compliance. The archaeological survey and testing was conducted to determine if any cultural resources eligible for inclusion in the California Register of Historic Resources (California Register) or significant under the Resource Protection Ordinance (RPO) will be affected by this project.

1.1.2 Project Personnel

The cultural resource inventory and testing program have been conducted by Laguna Mountain Environmental, Inc. (Laguna Mountain), whose cultural resources staff meet state and local requirements. Mr. Andrew R. Pignolo and Ms. Elizabeth Davidson served as Principal Investigators for the project. Mr. Pignolo and Ms. Davidson are members of the Register of Professional Archaeologists (RPA; previously called SOPA) and meet the Secretary of the Interior's standards for qualified archaeologists. Mr. Pignolo is also on the County of San Diego's list of qualified archaeologists. Mr. Pignolo has an MA in Anthropology from San Diego State University and has more than 27 years of experience in the San Diego region. Ms. Davidson has a MA in Anthropology from the University of Leicester. She has more than ten years of archaeological field experience in the Southern California region. The resumes of the Principal Investigators are included in Appendix A.

Ms. Stephanie Sandoval assisted in the preparation of the report. She received her B.A. in History from Sonoma State University in 2001, and her M.A. in Anthropology from San Diego State

University in 2008. Ms. Sandoval has over 8 years of archaeological experience in California and Central America.

Ms. Heather L. Kwiatkowski served as Associate Archaeologist for the survey phase of the project and assisting in the report preparation. Ms. Kwiatkowski has a BA in Anthropology from the University of Tennessee, Knoxville and is currently finishing her MA in Anthropology from San Diego State University. She has more than seven years of archaeological field experience, four of which are in Southern California.

Mr. Spencer Bietz served as field crew member during the survey. He has completed his BA in Anthropology at the University of California, San Diego and has more than a year field experience in the archaeology of southern California.

The testing program was conducted by Mr. Andrew R. Pignuolo, RPA, with Ms. Elizabeth Davidson RPA, serving as Senior Archaeologist, leading the field excavation, cataloging, and analysis.

Mr. Douglas La Rose, Mr. Frank Dittmer, Ms. Heather Thomson, and Mr. Steve Lagos served as field crew members for the project, assisting in the excavation and surface collection portion of the project. Mr. La Rose has a BA in Anthropology from the University of California, Santa Barbara and is currently working on his MA in Anthropology at San Diego State University. He has worked as a professional archaeologist for two years in the Southern California region. Mr. Dittmer has a BS in Anthropology from the University of California, Riverside and has more than seven years of field experience in the southern California region. Ms. Thomson and Mr. Lagos have more than 7 years field experience in southern California archaeology.

Ms. Jaime Speed conducted the artifact cataloging under the direction of Mr. Pignuolo. Ms. Speed has a BS in anthropology from Southern Connecticut State University and 3 years experience in archaeology.

Ms. Natalie Brodie prepared figures and maps for the report. Ms. Brodie has a BA in anthropology from the University of California, San Diego and more than 7 years of experience in California archaeology.

Mr. Clinton Linton, Mr. Gabriel Kitchen, Mr. Dennis Linton, and Ms. Lael Hoff working under Red Tail Monitoring & Research served as Native American monitors for the project. Mr. Clinton Linton, Mr. Dennis Linton, and Mr. Kitchen are Kumeyaay Indians from the Santa Ysabel and Mesa Grande Reservations in San Diego County. Ms. Hoff is a Kumeyaay Indian from the San Diego area. All of the monitors have experience in local archaeological monitoring.

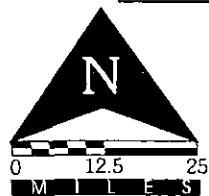
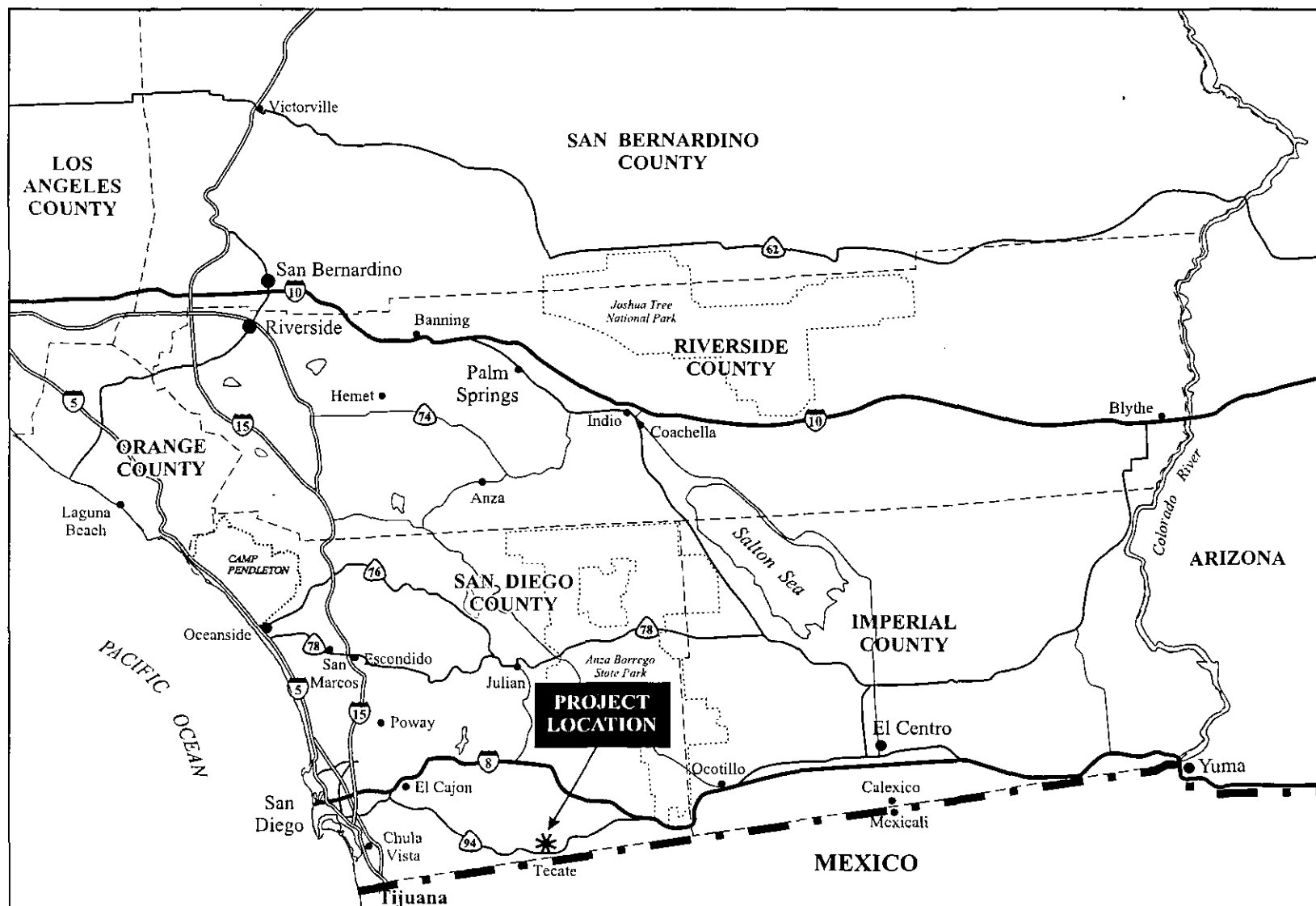
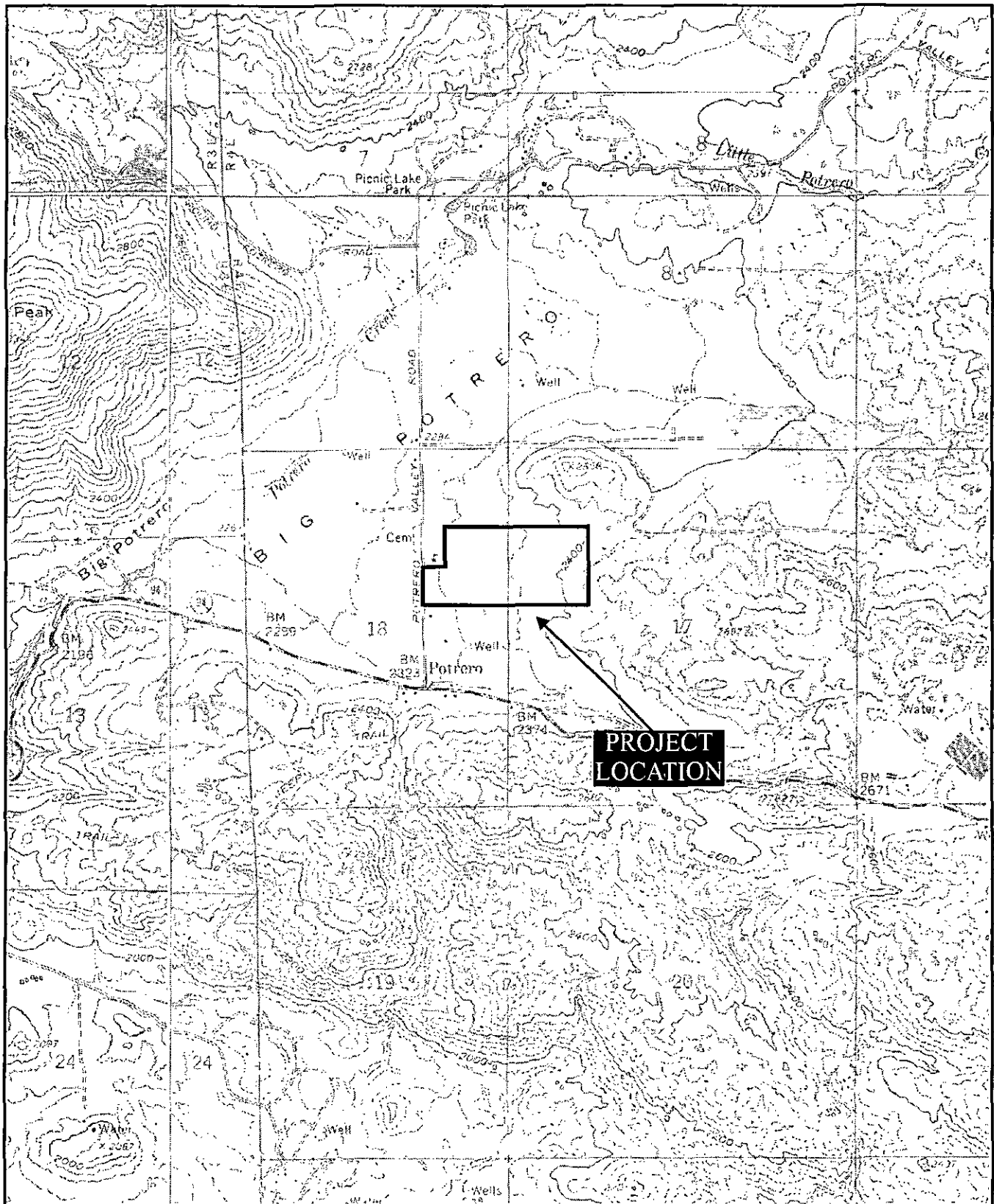


Figure 1
Regional Location Map

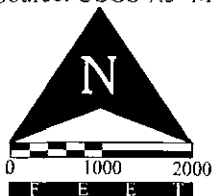


Laguna Mountain Environmental, Inc.

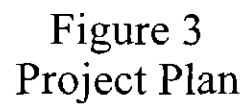


Source: USGS 7.5' Morena Reservoir, Barrett Lake, Potrero, and Tecate Quadrangles

Figure 2
Project Location



Laguna Mountain Environmental, Inc.



1.1.3 Structure of the Report

This report follows the County of San Diego Report Format and Content Requirements for cultural resources which is a modified version of the Archaeological Resource Management Report (ARMR) Guidelines. The report introduction provides a description of the project and background on the project area, as well as any previous research. Section 2 describes the guidelines for determining archaeological significance. Section 3 describes the research design, while Section 4 describes the survey and testing methods and results including individual site descriptions and artifact analysis. Section 5 provides the interpretation of any identified resources and impacts to those resources, and Section 6 includes a discussion of mitigation measures and recommendations for the project.

1.2 Existing Conditions

The following environmental and cultural background provides a context for the cultural resource inventory and testing program.

1.2.1 Environmental Setting

The project is located in the southern portion of San Diego County. The project area is generally flat, gently sloping towards the east. It includes several small ridges and knolls. Slopes on the property range from approximately 15% at the eastern boundary to 5% along the western terminus. It is located on the southeastern side of Big Potrero Valley. Potrero Creek is located a half-mile northwest of the project area, and an unnamed seasonal drainage is located approximately 1/4-mile south of the southern project boundary. Elevations on site range from approximately 2300 feet above mean sea level along the western portion of the project area, increasing to approximately 2400 feet above mean sea level (MSL) at the far eastern portion of the project area.

Current land use consists of a single family residence with several ancillary buildings, as well as a pool, abandoned well, and current well and pump. This existing residence is proposed as Parcel 1 in the current TM. A dirt driveway accesses the existing residence and minor dirt roads go out from the house to the ancillary buildings located to the north and east. This road continues to a racetrack located in the southern portion of the current parcel (APN 654-020-65) looping to the north and east, eventually returning to the southern part of the racetrack.

The geomorphology of the project area is largely a product of the region's geologic history. During the Jurassic and late Cretaceous (>100 million years ago) a series of volcanic islands paralleled the current coastline in the San Diego region. This island arc of volcanoes spewed out vast layers of tuff (volcanic ash) and breccia that have since been metamorphosed into hard rock of the Santiago Peak Volcanic formation. These fine-grained rocks provided a regionally important resource for Native American flaked stone tools.

At about the same time, a granitic and gabbroic batholith was being formed under and east of these volcanoes. This batholith was uplifted and forms the granitic rocks and outcrops of the Peninsular Range and the foothills to the west. The project area is part of this batholith and is underlain by

these granitic rocks (Strand 1962). Outcrops of granodiorite, as well as granite, were present throughout the project area. In San Diego County the large and varied crystals of these granitic rocks provided particularly good abrasive surfaces for Native American seed processing. These outcrops were frequently used for bedrock milling of seeds. The batholith contains numerous pegmatite dikes. This was a good source of quartz, a material used by Native Americans for flaked stone tools and ceremonial purposes.

As the Peninsular Batholith rose, it warped and metamorphosed the overlying sediments, forming the Julian Schist (Remeika and Lindsay 1992). This formation contains quartzite, a material also used for Native American flaked stone tools. Its relatively poor flaking qualities made this quartzite less popular for tool making than the quartz and Santiago Peak materials. Additional volcanic activity in the Jacumba area to the east later left behind the Table Mountain Volcanic Formation and an additional source of high quality volcanic rock for use in the manufacture of stone tools.

The two soil type series that occur throughout the project area include the Fallbrook series soils and the Cieneba series soils (USDA 1973). The Fallbrook series consists of well-drained, moderately deep, sandy loams that weathered in place from granodiorite. Varying types of this soil occur throughout the majority of the project area, excluding the southeastern corner. Slopes range from 5 to 30 percent. The representative profile includes a brown surface layer that is a slightly acidic sandy loam about 6 inches thick. The subsoil is reddish-brown in color and slightly more neutral with more clay than the surface layer. The subsoil is approximately 41 inches thick with decomposed granodiorite below (USDA 1973).

The Cieneba series consists of excessively drained, shallow coarse sandy loams that formed in material weathered in place from granitic rock. Cieneba rocky coarse sandy loam with 9 to 30 percent slopes (eroded) occurs in the far southeastern portion of the project area. This soil is rolling to hilly and has rock outcrops on about 10 percent of the surface and very large granodiorite boulders on about 20 percent. In a representative profile, the soil is a brown, coarse sandy loam of medium acidity about 5 to 15 inches deep over hard granodiorite (USDA 1973).

Potrero Creek is located one-half mile northwest of the project area, and an unnamed seasonal drainage is located approximately 1/4-mile south of the southern project boundary. This water source includes a variety of riparian plants and habitats and therefore would have provided a seasonal water source for Native Americans using the area.

The climate of the region can generally be described as Mediterranean, with cool, wet winters and hot, dry summers. Rainfall limits vegetation growth. Two vegetation communities adapted to the dry conditions of the area occur in the project area. These include southern mixed chaparral with non-native grasslands occurring in disturbed areas. Components of these communities and nearby southern coast live oak woodland provided important resources to Native Americans in the region.

Sage seed, yucca, buckwheat, acorns, and native grasses formed important food resources to Late Prehistoric Native Americans.

Animal resources in the region include deer, fox, raccoon, skunk, bobcats, coyotes, rabbits, and various rodent, reptile, and bird species. Small game, dominated by rabbits, is relatively abundant.

1.2.2 Cultural Setting

Prehistoric Period

Paleoindian Period

The earliest well documented prehistoric sites in southern California are identified as belonging to the Paleoindian period, which has locally been termed the San Dieguito complex/tradition. The Paleoindian period is thought to have occurred between 9,000 years ago, or earlier, and 8,000 years ago in this region. Although varying from the well-defined fluted point complexes such as Clovis, the San Dieguito complex is still seen as a hunting focused economy with limited use of seed grinding technology. The economy is generally seen to focus on highly ranked resources such as large mammals and relatively high mobility which may be related to following large game. Archaeological evidence associated with this period has been found around inland dry lakes, on old terrace deposits of the California desert, and also near the coast where it was first documented at the Harris Site.

Early Archaic Period

Native Americans during the Archaic period had a generalized economy that focused on hunting and gathering. In many parts of North America, Native Americans chose to replace this economy with types based on horticulture and agriculture. Coastal southern California economies remained largely based on wild resource use until European contact (Willey and Phillips 1958). Changes in hunting technology and other important elements of material culture have created two distinct subdivisions within the Archaic period in southern California.

The Early Archaic period is differentiated from the earlier Paleoindian period by a shift to a more generalized economy and an increased focus on the use of grinding and seed processing technology. At sites dated between approximately 8,000 and 1,500 years before present, the increased use of groundstone artifacts and atlatl dart points, along with a mixed core-based tool assemblage, identify a range of adaptations to a more diversified set of plant and animal resources. Variations of the Pinto and Elko series projectile points, large bifaces, manos and portable metates, core tools, and heavy use of marine invertebrates in coastal areas are characteristic of this period, but many coastal sites show limited use of diagnostic atlatl points. Major changes in technology within this relatively long chronological unit appear limited. Several scientists have considered changes in projectile point styles and artifact frequencies within the Early Archaic period to be indicative of population movements or units of cultural change (Moratto 1984), but these units are poorly defined locally due to poor site preservation.

Late Prehistoric Period

Around 2,000 B.P., Yuman-speaking people from the eastern Colorado River region began migrating into southern California, representing what is called the Late Prehistoric Period. The Late Prehistoric Period in San Diego County is recognized archaeologically by smaller projectile points, the replacement of flexed inhumations with cremation, the introduction of ceramics, and an emphasis on inland plant food collection and processing, especially acorns (True 1966). Inland semi-sedentary villages were established along major water courses, and montane areas were seasonally occupied to exploit acorns and piñon nuts, resulting in permanent milling features on bedrock outcrops. Mortars for acorn processing increased in frequency relative to seed grinding basins. This period is known archaeologically in southern San Diego County as the Yuman (Rogers 1945) or the Cuyamaca Complex (True 1970).

The Kumeyaay (formerly referred to as Diegueño) who inhabited the southern region of San Diego County, western and central Imperial County, and northern Baja California (Almstedt 1982; Gifford 1931; Hedges 1975; Luomala 1976; Shippek 1982; Spier 1923) are the direct descendants of the early Yuman hunter-gatherers. Kumeyaay territory encompassed a large and diverse environment which included marine, foothill, mountain, and desert resource zones. Their language is a dialect of the Yuman language which is related to the large Hokan super family.

There seems to have been considerable variability in the level of social organization and settlement variance. The Kumeyaay were organized by patrilineal, patrilocal lineages that claimed prescribed territories, but did not own the resources except for some minor plants and eagle aeries (Luomala 1976; Spier 1923). Some lineages occupied procurement ranges that required considerable residential mobility, such as those in the deserts (Hicks 1963). In the mountains, some of the larger groups occupied a few large residential bases that would be occupied biannually, such as those occupied in Cuyamaca in the summer and fall, and in Guatay or Descanso during the rest of the year (Almstedt 1982; Rensch 1975). According to Spier (1923), many Eastern Kumeyaay spent the period of time from spring through autumn in larger residential bases in the upland procurement ranges, and wintered in mixed groups in residential bases along the eastern foothills on the edge of the desert (i.e., Jacumba and Mountain Springs). This variability in settlement mobility and organization reflects the great range of environments in the territory.

Acorns were the single most important food source used by the Kumeyaay. Their villages were usually located near water, which was necessary for leaching acorn meal. Other storable resources such as mesquite or agave were equally valuable to groups inhabiting desert areas, at least during certain seasons (Hicks 1963; Shackley 1984). Seeds from grasses, manzanita, sage, sunflowers, lemonadeberry, chia and other plants were also used along with various wild greens and fruits. Deer, small game and birds were hunted and fish and marine foods were eaten. Houses were arranged in the village without apparent pattern. The houses in primary villages were conical structures covered with tule bundles, having excavated floors and central hearths. Houses constructed at the mountain camps generally lacked any excavation, probably due to the summer occupation. Other structures included sweathouses, ceremonial enclosures, ramadas and acorn granaries. The material culture

included ceramic cooking and storage vessels, baskets, flaked lithic and ground stone tools, arrow shaft straighteners, stone, bone, and shell ornaments.

Hunting implements included the bow and arrow, curved throwing sticks, nets and snares. Shell and bone fishhooks, as well as nets, were used for fishing. Lithic materials including quartz and metavolcanics were commonly available throughout much of the Kumeyaay territory. Other lithic resources, such as obsidian, chert, chalcedony and steatite, occur in more localized areas and were acquired through direct procurement or exchange. Projectile points including the Cottonwood Series points and Desert Side-notched points were commonly produced.

Kumeyaay culture and society remained stable until the advent of missionization and displacement by Hispanic populations during the eighteenth century. The effects of missionization, along with the introduction of European diseases, greatly reduced the native population of southern California. By the early 1820s, California was under Mexico's rule. The establishment of ranchos under the Mexican land grant program further disrupted the way of life of the native inhabitants.

Ethnohistoric Period

The Ethnohistoric period refers to a brief period when Native American culture was initially being affected by Euroamerican culture and historical records on Native American activities were limited. When the Spanish colonists began to settle California, the project area was within the territory of a loosely integrated cultural group historically known as the Kumeyaay or Northern and Southern Diegueño because of their association with the San Diego Mission. The Kumeyaay as a whole speak a Yuman language which differentiates them from the Luiseño, who speak a Takic language to the north (Kroeber 1925). Both of these groups were hunter-gatherers with highly developed social systems. European contact introduced diseases that dramatically reduced the Native American population and helped to break down cultural institutions. The transition to a largely Euroamerican lifestyle occurred relatively rapidly in the nineteenth century.

Historic Period

Cultural activities within San Diego County between the late 1700s and the present provide a record of Native American, Spanish, Mexican, and American control, occupation, and land use. An abbreviated history of San Diego County is presented for the purpose of providing a background on the presence, chronological significance, and historical relationship of cultural resources within the county.

Native American control of the southern California region ended in the political views of western nations with Spanish colonization of the area beginning in 1769. De facto Native American control of the majority of the population of California did not end until several decades later. In southern California Euroamerican control was firmly established by the end of the Garra uprising in the early 1850s (Phillips 1975).

Spanish

The Spanish Period (1769-1821) represents a period of Euroamerican exploration and settlement. Dual military and religious contingents established the San Diego Presidio and the San Diego and San Luis Rey Missions. The Mission system used Native Americans to build a footing for greater European settlement. The Mission system also introduced horses, cattle, other agricultural goods and implements; and provided construction methods and new architectural styles. The cultural and institutional systems established by the Spanish continued beyond the year 1821, when California came under Mexican rule.

Mexican

The Mexican Period (1821-1848) includes the retention of many Spanish institutions and laws. The mission system was secularized in 1834, which dispossessed many Native Americans and increased Mexican settlement. After secularization, large tracts of land were granted to individuals and families and the rancho system was established. Cattle ranching dominated other agricultural activities and the development of the hide and tallow trade with the United States increased during the early part of this period. The Pueblo of San Diego was established during this period and Native American influence and control greatly declined. The Mexican Period ended when Mexico ceded California to the United States after the Mexican-American War of 1846-48.

American

Soon after American control was established (1848-present), gold was discovered in California. The tremendous influx of American and Europeans that resulted quickly drowned out much of the Spanish and Mexican cultural influences and eliminated the last vestiges of de facto Native American control. Few Mexican ranchos remained intact because of land claim disputes and the homestead system increased American settlement beyond the coastal plain.

1.2.3 Record Search Results

The archaeological inventory includes archival and other background studies in addition to Laguna Mountain's field survey of the project area. The archival research consisted of literature and record searches at local archaeological repositories, in addition to an examination of historic maps, and historic site inventories. This information was used to identify previously recorded resources and determine the types of resources that might occur in the survey area. The methods and results of the archival research are described below.

The records and literature search for the project was conducted at the South Coastal Information Center at San Diego State University and the San Diego Museum of Man. The records search included a one-mile radius of the project area to provide background on the types of sites that would be expected in the region (Appendix B). Copies of historic maps were provided by the South Coastal Information Center.

Six documented archaeological investigations have taken place in the vicinity of the project. Although these investigations are older, dating between 1977-1991, and are to the south and east of the project, these studies indicate there is the potential for a moderate amount of prehistoric activity in the area. Table 1 summarizes the investigations in a 1-mile radius. Much of the area surrounding Potrero has not been surveyed for archaeological resources, including the current project area.

Three archaeological sites have been identified through previous research within a one-mile radius of the project area. These sites are located along the margin of Big Potrero Valley and include bedrock milling features, lithic scatters, and prehistoric habitation debris. The previously recorded sites in the region provide an idea of the types of cultural resources that might be expected within the project area. The cultural resources within a one-mile radius are summarized on Table 2.

Historic research included an examination of a variety of resources. The current listings of the National Register of Historic Places were checked through the National Register of Historic Places website. The California Inventory of Historic Resources (State of California 1976) and the California Historical Landmarks (State of California 1992) were also checked for historic resources. Historic map research indicated that the project area does not contain historic resources although structures of historic age were present to the west.

Table 1. Cultural Resource Surveys Within a 1-Mile Radius of the Project

Author	Title	Date
Berryman	Archaeological Survey of 166 Acres	1978
Cupples	An Archaeological Survey Report for a Proposed Project on 11-SD-97 p.m. 42.81/43.1 11208-163821	1977
Johnson	Curve Realignment and Road Widening Along State Rt. 94 Near Potrero	1981
Pettus	An Archaeological Survey for Proposed Utility Pole Relocation and Minor Roadway Realignment at Six Locations on Highway 94	1980
Polan	Archaeological Investigations of the Brannan Property, TPM 16526	1980
Recon	Archaeology Survey: Lukavasky Property	1991

Table 2. Cultural Resources Within a One-Mile Radius of the Project Area

Site Number	Site Type	Recorder
CA-SDI-8456	Lithic Scatter, Bedrock Milling Feature, Hearths, Habitation Debris	Polan (1980)
CA-SDI-10278	Bedrock Milling Feature	Fink (1985), Noah (1986)
CA-SDI-15935	Lithic Scatter	Sandelin (2001)

1.3 Applicable Regulations

Resource importance is assigned to districts, sites, buildings, structure, and objects that possess exceptional value or qualify illustrating or interpreting the heritage of San Diego County in history, architecture, archaeology, engineering, and culture. A number of criteria are used in demonstrating resource importance. Specifically, criteria outlined in CEQA and the San Diego County Local Register provide the guidance for making such a determination. The following sections(s) details the criteria that a resource must meet in order to be determined important.

1.3.1 California Environmental Quality Act (CEQA)

According to CEQA (§15064.5a), the term “historical resource” includes the following:

- (1) A resource listed in, or determine to be eligible by the State Historical Resources Commission, for listing in the California Register of Historical Resources (Pub. Res. Code SS5024.1, Title 14 CCR. Section 4850 et seq.).
- (2) A resource included in a local register of historical resources, as defined in section 5020.1(k) of the Public Resources Code or identified as significant in an historical resource survey meeting the requirements of section 5024.1(g) of the Public Resources Code, shall be presumed to be historically or culturally significant. Public agencies must treat any such resources as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant.
- (3) Any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be a substantial evidence in light of the whole record. Generally, a resource shall be considered by the lead agency to be “historically significant” if the resource meets the criteria for listing on the California Register of Historical Resources (Pub. Res. Code SS5024.1, Title 14, Section 4852) including the following:
 - (A) Is associated with events that have made a significant contribution to the broad patterns of California’s history and cultural heritage;
 - (B) Is associated with the lives of person important in our past;
 - (C) Embodies the distinctive characteristics of a type, period, region, or individual, or possesses high artistic value; or
 - (D) Has yielded, or may be likely to yield, information important in prehistory or history.
- (4) The fact that a resource is not listed in, or determined eligible for listing the California Register of Historical Resources, not included in a local register of historical resources (pursuant to section 5020.1(k) of the Public Resources Code), or identified in an historical resources survey (meeting the criteria in sections 5024.1(g) of the Public

Resources Code) does not preclude a lead agency from determining that the resource may be an historical resource as defined in Public Resources Code section 5020.1(j) or 5024.1.

According to CEQA (§15064.5b), a project with an effect that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment. CEQA defines a substantial adverse change as:

- (1) Substantial adverse change in the significance of an historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired.
- (2) The significance of an historical resource is materially impaired when a project:
 - (A) Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register of Historical Resources; or
 - (B) Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in an historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historical or culturally significant; or
 - (C) Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register of Historical Resources as determined by a lead agency for purposes of CEQA.

Section 15064.5(c) of CEQA applies to effects on archaeological sites and contains the following additional provisions regarding archaeological sites:

- (1) When a project will impact an archaeological site, a lead agency shall first determine whether the site is an historical resource, as defined in subsection (a).
- (2) If a lead agency determines that the archaeological site is an historical resource, it shall refer to the provisions of Section 21084.a of the Public Resources Code, and this section, Section 15126.4 of the Guidelines, and the limits contained in Section 21083.2 of the Public Resources Code do not apply.
- (3) If an archaeological site does not meet the criteria defined in subsection (a), but does meet the definition of a unique archaeological resource in Section 21083.2 of the Public Resources Code, the site shall be treated in accordance with the provisions of section 21083.2. The time and cost limitations described in Public Resources Code Section

21083.2 (c-f) do not apply to surveys and site evaluation activities to determine whether the project location contains unique archaeological resources.

- (4) If an archaeological resource is neither a unique archaeological nor an historical resource, the effects of the project on those resources shall not be considered a significant effect on the environment. It shall be sufficient that both the resource and the effect on it are noted in the Initial Study or EIR, if one is prepared to address impacts on other resources, but they need not be considered further in the CEQA process.

Section 1564.5 (d) & (e) contain additional provisions regarding human remains. Regarding Native American human remains, paragraph (d) provides:

- (d) When an initial study identifies the existence of, or the probably likelihood, of Native American human remains within the project, a lead agency shall work with the appropriate Native Americans as identified by the Native American Heritage Commission as provided in Public Resources Code SS5097398. The applicant may develop an agreement for treating or disposing of, with appropriate dignity, the human remains and any items associated with Native American burials with the appropriate Native Americans as identified by the Native American Heritage Commission. Action implementing such an agreement is exempt from:
 - (1) The general prohibition on disinterring, disturbing, or removing human remains from any location other than a dedicated cemetery (Health and Safety Code Section 7050.5).
 - (2) The requirement of CEQA and the Coastal Act.

1.3.2 San Diego County Local Register of Historical Resources (Local Register)

The County requires that resource importance be assessed not only at the State level as required by CEQA, but at the local level as well. If a resource meets any one of the following criteria as outlined in the Local Register, it will be considered an important resource.

- (1) Is associated with events that have made a significant contribution to the broad patterns of San Diego County's history and cultural heritage;
- (2) Is associated with the lives of persons important to the history of San Diego County or its communities;
- (3) Embodies the distinctive characteristics of a type, period, San Diego County region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
- (4) Has yielded, or may be likely to yield, information important in prehistory or history.

1.3.3 San Diego County Resource Protection Ordinance (RPO)

The County of San Diego's RPO protects significant cultural resource. The RPO defines "Significant Prehistoric or Historic Sites" as follows:

Sites that provide information regarding important scientific research questions about prehistoric or historic activities that have scientific, religious, or other ethnic value of local, regional, State, or Federal importance.

Such locations shall include, but not be limited to:

- (1) Any prehistoric or historic district, site, interrelated collection of features or artifacts, building, structure, or object either:
 - (aa) Formally determined eligible or listed in the National Register of Historic Places by the Keeper of the National Register; or
 - (bb) To which the Historic Resource ("H" Designator) Special Area Regulations have been applied; or
- (2) One-of-a-kind, locally unique, or regionally unique cultural resources which contain a significant volume and range of data and materials; and
- (3) Any location of past or current sacred religious or ceremonial observances which is either:
 - (aa) Protected under Public Law 95-341, the American Indian Religious Freedom Act or Public Resources Code Section 5097.9, such as burial(s), pictographs, petroglyphs, solstice observatory sites, sacred shrines, religious ground figures or,
 - (bb) Other formally designated and recognized sites which are of ritual, ceremonial, or sacred value to any prehistoric or historic ethnic group.

The RPO does not allow non-exempt activities or uses damaging to significant prehistoric or historic lands on properties under County jurisdiction. This includes development, trenching, grading, clearing and grubbing, or any other activity or use damaging to significant prehistoric or historic lands. The only exempt activity is scientific investigation with an approved research design prepared by an archaeologist certified by the Society of Professional Archaeologists. All discretionary projects are required to be in conformance with applicable County Standards related to cultural resources, including the noted RPO criteria on prehistoric and historic sites. Non-compliance would result in a project that is inconsistent with County standards.

2.0 GUIDELINES FOR DETERMINING SIGNIFICANCE

Determining resource importance is a two-step process. First, the cultural environment must be defined. Then the criteria for determining importance must be applied to the resource. The following subchapters provide guidance on this process and detail the cultural environment and criteria that is typically used in evaluating resources.

2.1 Defining The Cultural Environment

San Diego County has more than 23,000 recorded sites as of September 2006 and this number continues to grow. The cultural environment consists of the remains of prehistoric and historic human behaviors. When cultural resources have been identified, the cultural environment has been defined and the baseline condition set. Cultural resources include archaeological and historic sites, structures, and objects, as well as traditional cultural properties. The following is a list of components that can make up the cultural environment.

2.1.1 Building

A building is a resource, such as a house, barn, church, factory, hotel, or similar structure created principally to shelter or assist in carrying out any form of human activity. "Building" may also be used to refer to a historically and functionally related unit, such as a courthouse and jail or a house and barn. The Somers-Linden Farmstead (Victorian), the McRae/Albright Ranch House (Victorian), the Holmgren House (Moderne), and the County Administration Center (Spanish Colonial Revival) are examples of buildings in the County of San Diego.

Special consideration should be given to moved buildings, structures, or objects, cultural resources achieving significance within the past fifty (50) years, and reconstructed buildings. Context, time, and original form are integral to historic preservation. However, it is important to recognize resources outside of the required characteristics for the history that they embody.

Moved buildings, structures, or objects

The retention of historical resources on site should be encouraged and the non-historic grouping of historic buildings into parks or districts would be discouraged. However, it is recognized that moving an historic building, structure, or object is sometimes necessary to prevent its destruction, and is appropriate in some instances. An historical resource should retain its historic features and compatibility in orientation, setting, and general environment.

Cultural resources achieving significance within the past fifty (50) years

In order to understand the historical importance of a resource, sufficient time must have passed to obtain a scholarly perspective on the events or individuals associated with the resource. A resource less than fifty (50) years old may be considered if it can be determined that sufficient time has passed to understand its historical importance.

Reconstructed Buildings

A reconstructed building less than fifty (50) years old may be eligible if it embodies traditional building methods and techniques that play an important role in a community's historically rooted beliefs, customs, and practices. An example of a reconstructed building is an American Indian sweat lodge.

2.1.2 Site

A site is the location of a significant event, a prehistoric or historic occupation or activity, or a building or structure, whether standing, ruined, or vanished, where the location itself possessed historical, cultural, or archaeological value regardless of the value of any existing building, structure, or object. A site need not be marked by physical remains if it is the location of a prehistoric or historic event, and if no buildings, structures, or objects marked it at that time. Examples of such sites are trails, designed and traditional landscapes, battlefields (San Pasqual Battlefield), homestead sites, habitation sites (Village of Pamo), American Indian ceremonial areas (Gregory Mountain), petroglyphs, pictographs, and traditional cultural places.

2.1.3 Structure

The term "structure" is used to describe a construction made for a functional purpose rather than creating human shelter. Examples of structures include mines, flumes, roads, bridges, dams, and tunnels.

2.1.4 Object

The term "object" is used to describe those constructions that are primarily artistic in nature or are relatively small in scale and simply constructed, as opposed to a building or structure. Although it may be moveable by nature or design, an object is associated with a specific setting or environment. Objects should be in a setting appropriate to their significant historic use, role, or character. Objects that are relocated to a museum are not eligible for listing in the Local Register. Examples of objects include fountains, monuments, maritime resources, sculptures, and boundary markers.

2.1.5 Landscapes and Traditional Cultural Properties

"Landscapes" vary in size from small gardens to national parks. In character, they range from designed to vernacular, rural to urban, and agricultural to industrial. A cultural landscape is a geographic area which, because of a unique and integral relationship between the natural and cultural environments, has been used by people; shaped or modified by human activity, occupation or invention; or is infused with significant value in the belief system of a culture or society. Estate gardens, cemeteries, farms, quarries, mills, nuclear test sites, suburbs, and abandoned settlements, and prehistoric complexes, all may be considered under the broad category of cultural landscapes. Landscapes provide a distinct sense of time and place. Traditional cultural landscapes (Traditional

Cultural Properties) can also consist of related archaeological and ethnographic features and places (see below for definition of a prehistoric district).

2.1.6 Prehistoric and Historic Districts

Districts are united geographic entities that contain a concentration of historic buildings, structures, objects, and/or sites united historically, culturally, or architecturally. Districts are defined by precise geographic boundaries; therefore, districts with unusual boundaries require a description of what lies immediately outside the area, in order to define the edge of the district and to explain the exclusion of adjoining areas. Camp Lockett in Campo is an example of a historic district. The Village of Pamo is an example of a prehistoric Indian rancheria that represents a traditional cultural landscape that could be a district, consisting of the places used and inhabited by a traditional culture. A traditional cultural landscape defined as a district could include a village site, related milling features, stone quarries and lithic tool process areas, ceremonial locations and landmarks, and temporary or seasonal camps. Together, these represent a traditional cultural landscape.

2.2 Criteria for the Determination of Resource Importance

A number of criteria are used in identifying significant historic/archaeological resources and are based upon the criteria for inclusion in the San Diego County Local Register. Significance is assigned to districts, sites, buildings, structures, and objects that possess exceptional value or quality illustrating or interpreting the heritage of San Diego County in history, architecture, archaeology, engineering, and culture.

The San Diego County Register was modeled after the California Register. As such, a cultural resource is determined significant if the resource is listed in, or determined to be eligible for listing in the National Register of Historic Places, the California Register of Historical Resources, or the San Diego County Register of Historical Resources. Any resource that is significant at the National or State level is by definition significant at the local level.

The fact that a resource is not listed in, or determined to be eligible for listing in the California Register of Historical Resources; or is not included in a local register of historical resources (pursuant to Section 5020.1(k) of the Public Resources Code), or is not identified in an historical resources survey (meeting the criteria in Section 5024.1(g) of the Public Resources Code) does not preclude a lead agency from determining that a resource may be historical as defined in Public Resources Code section 5020.1(j) or 5024.1.

The following criteria must be considered when evaluating a resource's importance. The first four criteria were derived from the significance criteria found in the California Environmental Quality Act (CEQA) and the San Diego County Register of Historical Resources (Ordinance No.9493; San Diego County Administrative Code §396.7). The San Diego County Register is similar to both the National Register and California Register but is different in that significance is evaluated at the local level.

1. Resources associated with events that have made a significant contribution to the broad patterns of California or San Diego County's history and cultural heritage. Examples include resources associated with the Battle of San Pasqual (Mexican-American War, 1846) or gold mining in the Julian area (1870s), or a Kumeyaay settlement in the Cuyamaca Valley. Each of these resources would be considered significant because it is associated with an event that has made a significant contribution to the broad patterns of San Diego County's history and cultural heritage.
2. Resources associated with the lives of persons important to our past, including the history of San Diego County or its communities. Resources that are associated with the life of George W. Marston (Benefactor/Merchant/Civic Leader), Kate Sessions (Horticulturalist), John D. Spreckels (Investor/Developer), Ellen Browning Scripps (Philanthropist), Ah Quin (Chinese Merchant/Labor Contractor), Manuel O. Medina (Pioneer of the Tuna Industry), Jose Manuel Polton (Hatam [Kumeyaay Captain of the Florida Canyon Village]), or Jose Pedro Panto (Kumeyaay Captain of the San Pasqual Pueblo) illustrates this criteria because this list identifies examples of individuals that are important to the history of San Diego County or its communities.
3. Resources that embody the distinctive characteristics of a type, period, region (San Diego County), or method of construction, or represents the work of an important creative individual, or possesses high artistic values. Resources representing the work of William Templeton Johnson (Architect – Balboa Park, Serra Museum), Irving Gill (Architect – Bishop's School), Lilian Rice (Rancho Santa Fe), or Hazel Waterman (Designer – Estudillo Adobe Restoration) would be considered significant because they represent the work of an important creative individual; or if a resource is identified as a Queen Anne, Mission Revival, Craftsman, Spanish Colonial, or Western Ranch Style structure, it would be significant because it embodies the distinctive characteristics of a type or period.
4. Resources that have yielded or may be likely to yield, information important in prehistory or history. Most archaeological resources contain information; however the amount of information varies from resource to resource. For example, a small lithic scatter will contain information, but it will be on a much more limited basis than that of a village or camp site. The information may be captured during initial recordation and testing of the site or may require a full data recovery program or additional treatment/mitigation. **Any site that yields information or has the potential to yield information is considered a significant site.** Most resources will be considered significant because they contain some information that contributes to our knowledge of history or prehistory. The criteria used to evaluate a single resource is the same criteria used to evaluate cumulative impacts to multiple resources outside the boundary of a project.
5. Although districts typically will fall into one of the above four categories, because they are not specifically identified, the following criterion is included which was obtained from the National Register:

Districts are significant resources if they are composed of integral parts of the environment not sufficiently significant by reason of historical association or artistic merit to warrant individual recognition, but collectively compose an entity of exceptional historical or artistic significance, or outstandingly commemorate or illustrate a way of life or culture. A traditional cultural landscape is an example of a prehistoric district because individual sites must be considered within the broader context of their association with one another.

6. Resource Protection Ordinance. Cultural resources must be evaluated for both the California Environmental Quality Act as outlined in criteria 1-4 above and the Resource Protection Ordinance pursuant to Article III of the ordinance. Under the Resource Protection Ordinance, cultural resources are considered "RPO" significant if they meet the definition of a RPO "Significant Prehistoric or Historic Site", as set forth in Section 3.1 above.
7. Human remains are considered "highly sensitive" by the County. As such, human remains require special consideration and treatment. Regulations require that if human remains are discovered, the County Coroner shall be contacted. In the event that the remains are determined to be of Native American origin, the Most Likely Descendant, as identified by the Native American Heritage Commission, shall be contacted in order to determine proper treatment and disposition of the remains. The following criterion was included pursuant to the California Environmental Quality Act (§15064.5) and California State Code (PRC5097.98 and HSC7050.5). As such, a resource shall be considered significant if it contains any human remains interred outside of a formal cemetery. Mitigation measures will be developed on a case by case basis by the County archaeologist and the archaeological consultant. In addition, it is of the utmost importance to tribes that human remains be avoided whenever feasible.
8. Integrity is the authenticity of a resource's physical identity evidenced by the survival of characteristics that existed during the resource's period of significance. The evaluation of integrity is somewhat of a subjective judgment, but it must always be grounded in an understanding of a property's physical features and how they relate to its historical associations or attributes and context. Resources must retain enough of their historical character or appearance to be recognizable as historical resources and to convey the reasons for their significance. An evaluation of integrity is an essential part of determining significance for historical resources such as building, structures, and districts.

Integrity is evaluated through the assessment of a cultural resource's attributes, and may include location, design, setting, materials, workmanship, feeling, and association. It must be judged with reference to the particular criteria under which a resource is proposed for eligibility (structural, architectural, artistic, historic location, archaeological site, historic district). Alterations over time to a resource or historic changes in its use may themselves have historical, cultural, or architectural significance.

Attributes - Attributes are those distinctive features that characterize a resource. They should be evaluated and compared to other properties of its type, period, or method of construction.

Location - Location is the place where the property was constructed or the place where the historical event occurred. The actual location of an historical property, complemented by its setting, is particularly important in recapturing the sense of historical events and persons.

Design - Design is the combination of elements that create the historical form, plan, space, structure, and style of a property. This includes such elements as organization of space, proportion, scale, technology, ornamentation, and materials. Design can also apply to districts and to the historical way in which the buildings, sites, or structures are related. Examples include spatial relationships between major features; visual rhythms in a streetscape or landscape plantings; the layout and materials of walkways and roads; and the relationship of other features, such as statues, water fountains, and archaeological sites.

Setting - Setting is the physical environment of an historical property. It refers to the historical character of the place in which the property played its historical role. It involves how, not just where, the property is situated and its historical relationship to surrounding features and open space. The physical features that constitute the historical setting of an historical property can be either natural or manmade and include such elements as topographical features, vegetation, simple manmade paths or fences and the relationships between buildings and other features or open spaces.

Materials - Materials are the physical elements that were present during the development period and are still present or, if materials have been replaced, the replacement(s) must have been based on the original. The property must be an actual historical resource, not a recreation. For example, a Victorian style wood-frame dwelling that has been covered with reconstructed stucco has lost its integrity of materials. Conversely, an adobe wall that has been reconstructed with similar adobe mud, as opposed to adobe-simulate concrete, would retain its integrity of materials.

Workmanship - Workmanship is the physical evidence of the crafts of a particular culture or people during any given period in history. It is the evidence of the artisans' labor and skill in constructing or altering a building, structure, object, or site. It may be expressed in vernacular methods of construction and plain finishes or in highly sophisticated configurations and ornamental detailing. Examples of workmanship in historic buildings include tooling, carving, painting, graining, turning, and joinery. Examples of workmanship in precontact contexts include pottery, stone tools, basketry, rock art, bedrock milling, and stone structures

To assess integrity one must:

- (1) Define essential physical features that must be present to a high degree for a property to represent its significance;

- (2) Determine whether the essential physical features are apparent enough to convey the property's significance; and
- (3) Compare the property with similar properties in the locally significant theme.

A property that is significant for its historical association should retain the essential physical features that made up its character or appearance during the period of its association with the important event, historical pattern, or person(s). If the property is a site where there are no material cultural remains, such as a battlefield, the setting must be intact. If the historical building associated with the event, pattern, or person no longer exists, the property has lost its historical integrity.

A property important for illustrating a particular architectural style or construction technique must retain the physical features that constitute that style or technique. A property that has lost some historical materials or details can be considered if it retains the majority of the features that illustrate its style in terms of the massing, spatial relationships, proportion, pattern of windows and doors, texture of materials, and ornamentation. A property should not be considered if it retains some basic features conveying massing, but has lost the majority of the features that once characterized its style. Normally changes to a structure that are reversible will not affect integrity because they will be less than significant.

Properties being considered for the first five criteria above must not only retain the essential physical features, but the features must be visible enough to convey their significance and historical identity. This means that even if a property is physically intact, its integrity is questionable if its significant features are concealed under modern construction. Archaeological properties are the exception to this – by nature they may not require visible features to convey their significance.

Note: Unless a resource is determined to be “not significant” based on the above criteria, it will be considered a significant resource. If it is agreed to forego significance testing on cultural sites, the sites will be treated as significant resources and must be preserved through project design. In addition, a treatment plan must be prepared that will include preservation of cultural resources.

3.0 RESEARCH DESIGN

The goal of the testing program was to assess the potential effects of the project on sites CA-SDI-17916, CA-SDI-17918, P-37-027498, and P-37-027500. To accomplish this goal, background information was examined and assessed, and a testing program was conducted to identify the extent and integrity of the sites.

3.1 Survey Research Design

The goal of the survey phase of this study was to identify any cultural resources located within the project area so that the effects of the project on these resources can be assessed. To accomplish this goal, background information was examined and assessed, and a field survey was conducted to identify cultural remains. Based on the records search and historic map check, most of the cultural resources within the project are likely to be prehistoric resources but could include historic material. A historic church/school was located directly adjacent to the property. Prehistoric cultural resources could include bedrock milling associated with the bedrock outcrops along the ridgelines of Big Potrero Valley or temporary campsites.

3.2 Testing Research Design

3.2.1 Integrity

Resource integrity is a critical part of evaluation. For archaeological purposes, integrity usually refers to the preservation of artifact associations and stratigraphy. Bioturbation and other natural factors affecting artifact associations are common in the San Diego region, and much of the region area has also been affected by agriculture and urban development.

3.2.2 Native American Heritage Concerns

Native American heritage concerns need to be included in significance evaluations as part of State and County policy. Native American concerns particularly focus on religious sites, sites that contain human remains, and sites with items used for religious purposes.

3.2.3 Research Potential

Research potential is the most applicable of the California Register criteria for archaeological resources. To establish a framework to evaluate if a site may be likely to yield information important in prehistory or history, important research questions are established along with data needs. These research criteria are established below.

3.2.4 Theoretical Orientation

As a social science, archaeology seeks to understand human behavior. Because of the nature of the archaeological record, archaeologists look at behavior in terms of cultural patterns, and environmentally oriented archaeologists attempt to explain these patterns in the context of various and changing natural and social environments. While much of the past archaeological research in San Diego County has focused on reconstructing culture change over time or “culture history,” new theoretical ideas in the 1960s and 1970s highlighted the importance of the environment and shifted the emphasis of archaeology from reconstructing history to understanding culture (Binford 1989).

The fundamental theoretical orientation that underlies this study, and much of the work that has been conducted in San Diego County to date, is cultural materialism. “Cultural materialism” as used here essentially holds that practical, survival, and economic aspects of culture ultimately determine the success or the spread of specific behavior patterns (Hayden 1993). Cultural ecology and environmental archaeology are forms of cultural materialism, emphasizing the role of the environment as a practical controlling factor on culture and human behavior. The perspectives of cultural materialism and cultural ecology are appropriate for the study area because of the direct relationship between hunter-gatherer economy and the environment and because these concepts represent a continuation of recent thinking in the region. Cultural materialism is also appropriate for study of the historical archaeological resources because it focuses on relationships within systems.

3.2.5 Research Topics, Implications, and Data Requirements

Prehistoric Subsistence

Reconstructing the subsistence economy of prehistoric hunter-gatherers is a key question for cultural ecology. Historic period hunter-gatherers typically occupied extreme environments and/or had been heavily impacted by European colonial expansion. As a consequence, understanding the cultural adaptations of hunter-gatherers in more productive environments is heavily reliant on archaeological data.

For the most part, subsistence during the Late Prehistoric in San Diego County is fairly well understood through the ethnographic record. Ethnographic information has provided a level of detail beyond the archaeological record, but certain aspects are poorly known.

Based on the project location and the presence of bedrock milling features at site CA-SDI-17918, it is likely that subsistence was focused on inland terrestrial resources. These sites are located well beyond the ten kilometer coastal foraging radius suggested by Jones (1992).

- How does site subsistence pattern relate to resource availability?

Hypothesis: The general pattern is one of using available resources: Acorn processing subsistence technologies and small mammal procurement should dominate the assemblage. Marine resources, if present, will represent a minimal component of the assemblage.

Data Needs:

- Stratigraphic contexts that indicate the sites contain interpretable cultural strata that can be taken to represent the results of relatively short-term occupations or a single occupation that can be compared to other single occupation sites.
- Material suitable for establishing chronology from these contexts.
- Vertebrate and invertebrate faunal material, along with tools that reflect subsistence focus and activities such as projectile points, bifaces, and milling tools.
- Sufficient quantities of ecofactual material to allow patterns to be defined. To obtain a statistically valid sample, quantities of 50 items per m³ are required.

Prehistoric Chronology

Chronology and aspects of culture history have long been the subjects of archaeological research in the San Diego region. Late Prehistoric period sites are common in the region, and are relatively easily identified through the presence of bedrock milling, ceramics, and bow and arrow technology. Early Archaic period sites are more difficult to recognize and perhaps less common in the area. Furthermore, while Archaic period sites have been scrutinized in coastal regions, few have been studied in depth in inland areas.

- Are the Archaic and Paleoindian periods represented at sites CA-SDI-17916 and CA-SDI-17918 and if so, how do these components compare to Late Prehistoric assemblages at the same location?

Hypothesis: Due to the bedrock milling associated with site CA-SDI-17918, it is unlikely that these sites represent a single component Paleoindian occupation. If present, Archaic or Paleoindian Period evidence will be represented by leaf-shaped bifaces, dart points, differences in lithic material selection and reduction technology, and flaked lithic tool types.

Data Needs:

- Stratigraphic contexts that indicate the sites contain interpretable cultural strata that can be taken to represent the results of relatively short-term occupations or a single occupation that can be compared to other single occupation sites.
- Material suitable for radiocarbon dating from these contexts.
- Biface tools and artifacts representative of activities carried out at the site. To obtain a statistically valid sample, quantities of 50 items per m³ are required.

Prehistoric Mobility and Exchange

Settlement Patterns have been the subject of considerable research in San Diego County. This topic contributes to the definition of settlement systems and the study of their change through time, both elements important to local prehistoric studies. The interaction of cultural groups and the natural landscape is an important aspect of human behavior. Just as cultural geographers study current land use patterns to aid in urban planning, the study of prehistoric settlement patterns can provide insight into past strategies of interaction with the environment.

Most settlement pattern studies focus on the relationship between natural resources and areas of human occupation. A general assumption is that important resources for subsistence create a draw for settlement, and that people will tend to locate near important water and food resources. Other types of sites may also be located near resources, but may not be related to habitation. These special task sites, such as isolated bedrock milling stations and lithic procurement/reduction areas, also provide important evidence on how people used the natural landscape.

An examination of resources used at a site and their source provenience is a means of examining mobility. Direct procurement, or travel over relatively large distances to procure resources is one aspect of mobility. Another aspect relates to territoriality. A seasonal round type of mobility strategy with bipolar village locations is often the model for Late Prehistoric mobility.

- How do CA-SDI-17916 and CA-SDI-17918 fit into the regional settlement system through time?

Hypothesis: Site patterning in relation to water, land-form, and lithic resources is expected. Exchange played a very minor role in resource procurement and, although mobility provided a range of available resources at different time intervals, the sites reflect foraging and processing behavior and the local resources of the area. Roughly 90% of the assemblage will represent local materials within a 10-km foraging radius.

Data Needs:

- Stratigraphic contexts that indicate the sites contain interpretable cultural strata that can be taken to represent the results of relatively short-term occupations or a single occupation that can be compared to other single occupation sites.
- Material suitable for chronological control from these contexts.
- Artifacts representative of activities carried out at the sites. To obtain a statistically valid sample, quantities of 50 items per m³ are probably required.
- Sufficient quantities of source specific lithic material to allow patterns to be defined. To obtain a statistically valid sample, quantities of 50 items per m³ are required.

4.0 ANALYSIS OF PROJECT EFFECTS

The goal of this study is to identify and test any cultural resources located within the project area of potential effect so that the impacts of the project could be assessed. To accomplish this goal, background information was examined and assessed, and a field survey was conducted to identify cultural remains. A testing program was completed to determine if the sites retain integrity and if additional cultural material in the form of subsurface components are present. Based on the records search and historic map check, the cultural resources within the project are likely to include both historic and prehistoric resources. Prehistoric cultural resources could include bedrock milling associated with the bedrock outcrops and oak resources in the area or other evidence of Native American activity. Historic resources include historic structures and associated refuse.

The records and literature search for the project was conducted at the South Coastal Information Center of the California Archaeological Inventory at San Diego State University and the San Diego Museum of Man. This records search included site records and reports for the project area and a one mile radius of the project along with information on potential historic resources.

In addition to the background research and survey, a testing program was conducted to help evaluate the extent of cultural resources within the project area and recover some of the data from these resources. The methods and results of these studies are described below.

4.1 METHODS

4.1.1 Survey Methods

The records and literature search for the project was conducted at the South Coastal Information Center of the California Archaeological Inventory at San Diego State University and the San Diego Museum of Man. This records search included site records and reports for the project area and a one mile radius of the project along with information on potential historic resources.

The survey of the project area was conducted on May 31 and June 2, 2006 by Mr. Andrew R. Pignuolo, RPA., Ms. Elizabeth Davidson, and Mr. Spencer Bietz. An intensive survey using roughly parallel transects with 10-15 meter (m) intervals was conducted over the entire project area. Brush within most of the project area was sparse. Visibility was good with many areas of open soils averaging approximately 70 percent surface visibility. Special attention was paid to both rock outcrops and knoll tops. The cultural resources survey of the project adequately served to identify cultural resources.

Cultural resources identified during the survey were recorded on State of California, Department of Parks and Recreation forms and are included in Appendix F. Photographs and project records for this inventory and testing program will be temporarily curated at Laguna Mountain until final curation arrangements can be made at the San Diego Archaeological Center or another appropriate regional repository.

4.1.2 Testing Methods

Testing proposed for sites CA-SDI-17916 and CA-SDI-17918 included development of a research design with appropriate research questions, site mapping, recordation of bedrock milling, subsurface excavation, and artifact analysis. Four test units and seventy-eight STPs were excavated to assess for the presence, integrity, and content of any subsurface deposits and to establish site boundaries.

The testing program was conducted between January 16th and February 21, 2008 by Ms. Elizabeth Davidson, Mr. Spencer Bietz, Mr. Douglas La Rose, Mr. Frank Dittmer, Ms. Jaime Speed, Kristen Snodgrass, Mr. Steve Lagos and Ms. Heather Thomson. Mr. Gabriel Kitchen, Mr. Clinton Linton Ms. Lael Hoff, Mr. Dennis Linton and Mr. Gabriel Kitchen of Red Tail Monitoring & Research, Inc. served as Native American monitors.

During the inventory phase, the sites were initially surveyed using 10-15m parallel transects. The testing and evaluation phase began with a resurvey of the site area using 2-3 m interval parallel transects. This resulted in the identification and marking of surface artifacts and features from the site areas with pinflags. The sites were mapped using a Trimble GeoXT GPS with sub-meter accuracy. Each artifact received a consecutive surface shot number, except in the case where multiple items were within 15 cm of each other, these were collected together as a single surface shot. All surface artifacts were bagged and marked with a surface collection numbers and provenience coordinates.

All site records were updated with the testing results on State of California, Department of Parks and Recreation forms. These forms are included in Appendix F. Photographs, artifacts, and project records for the testing program will be temporarily curated at Laguna Mountain until final curation arrangements can be made at the San Diego Archaeological Center or another appropriate regional repository.

Bedrock milling features were mapped drawn and measured during the recordation process. A State of California, Department of Parks and Recreation form was filled out for each feature and all milling elements were measured and described. Bedrock milling forms are included with the site form updates in Appendix F.

A total of 78 shovel test pits (STPs) were excavated at the two sites (CA-SDI-17916 and CA-SDI-17918) to determine if subsurface deposits were present and to establish the boundaries of each site. STPs were set out in cardinal directions across the site area. STPs were manually excavated circular test pits measuring 30 cm in diameter. STPs were excavated in 10 cm arbitrary, contour levels. The goal of STP placement was to test the areas within the site most likely to contain subsurface artifacts. All excavated soil was passed through 1/8-inch mesh hardware cloth and dry-screened in the field. Artifacts were removed from the screens and bagged by level.

The STP data indicated the presence of shallow subsurface deposits at CA-SDI-17916 and site CA-SDI-17918. Two test units were placed at each site in each of these areas to better assess the integrity and content of the subsurface components. The one meter square excavation units were

placed in areas where the greatest subsurface deposits were identified. The units were excavated in 10 cm arbitrary contour levels, and provenience within each level was maintained. The unit datum was established in the high corner of each unit, and the levels were measured in contour levels using a line-level and tape measure from the datum. The units were excavated until subsoil or decomposed granite was exposed in the entire unit floor.

All excavated soil was passed through 1/8-inch mesh hardware cloth and dry-screened in the field. Artifacts were removed from the screens and bagged by level. Unit level sheets summarizing results and observations were completed following the excavation of each 10 cm level. This information included the type of cultural material recovered, soil conditions, and any noted disturbance. Cultural material was separated into prehistoric artifact and ecofact categories, bagged and labeled by 10 cm level, and taken to the laboratory for cleaning, analysis, and temporary curation.

A photographic record was kept to document the progress of the testing program. This included general overviews, and views of site excavation, and milling features. Digital photographs were taken during the entire testing program. A photographic log was kept to document orientation and subject matter. Photographic logs are included in Appendix D.

4.1.3 Laboratory and Cataloging Procedures

Laboratory work for the material was conducted by Ms. Jaime Speed. All items other than tools were cleaned with a brush and water while the tools were only dry brushed. The material was then separated by material class within each level prior to cataloging.

Each artifact or group of artifacts was counted, weighed and/or measured and given consecutive catalog numbers, which were either marked directly on the artifact or on the container or bag. Each item was analyzed for specific attributes particular to that material class. The catalogue for the cultural material recovered is included in Appendix C.

4.1.4 Curation

Artifacts, photographs, and project records for this inventory and testing program will be temporarily curated at Laguna Mountain until final curation arrangements can be made at the San Diego Archaeological Center or another appropriate regional repository.

4.1.5 Native American Participation/Consultation

The County of San Diego conducted a Sacred Lands Check with the Native American Heritage Commission during the survey phase of the project (Appendix B). No resources were identified within the project area. Native American involvement in the project also included the participation of Native American monitors during the testing phase. Red-Tail Monitoring and Research, Inc. provided Mr. Clinton Linton, Mr. Gabriel Kitchen and Lael Hoff as Native American Monitors/observers during the testing of prehistoric resources. Their comments and recommendations on the testing program are included in Appendix B.

4.2 SURVEY RESULTS

The survey identified five sites containing prehistoric and/or historic artifacts and features: CA-SDI-17916 (PO-S-1), CA-SDI-17917 (PO-S-2), CA-SDI-17918 (PO-S-4), P37-027498 (PO-S-3), and P37-027500 (PO-S-5), as well as 4 prehistoric isolates: P37-027501 (PO-I-1), P37-027502 (PO-I-2), P37-027503 (PO-I-3) to P37-027504 (PO-I-4) (Table 3, Figure 4). CA-SDI-17916 consisted of a prehistoric temporary camp with multiple loci and associated lithics. CA-SDI-17917 has a prehistoric component consisting of bedrock milling features and associated lithics, as well as a historic component consisting of a rock wall and associated trash scatter. P37-027498 is a historic base with a modern water tank. CA-SDI-17918 has a prehistoric component consisting of two bedrock milling features and a sparse lithic scatter and a historic component consisting of a trash scatter. P37-027500 is a historic homesite with an isolated lithic present. Isolates P37-027501 through P37-027504 consist of isolated Santiago Peak Volcanic and quartz flakes. Prehistoric artifacts were dominated by Santiago Peak Volcanic (SPV) material from sources in the San Ysidro Mountain area. Each of these resources identified during the survey area described in greater detail below.

Table 3. Summary of Cultural Resource Results

Site Number	Type	Features	Artifacts	Size
CA-SDI-17916	Prehistoric Temporary Camp	3 Loci	SPV and Quartz Flakes, SPV Core, Quartzite Mano Fragment, Retouched Flake, and Scrapers	250x50m
CA-SDI-17917	Bedrock Milling Feature with Associated Lithics; Historic Rock Wall and Associated Trash Scatter	Bedrock Milling Feature, Historic Rock Wall	SPV and Quartzite flakes; glass, ceramic, and metal fragments	50x25m
P37-027498	Historic Water Tank	Rock and Concrete Base	Iron Bands from original tank	30x30m
CA-SDI-17918	Bedrock Milling Feature with Associated Lithics; Historic Trash Scatter	Bedrock Milling Feature	SPV flakes; Glass, ceramic, and metal fragments	200x300m
P37-027500	Historic Homesite	Seven Structures	Isolate SPV flake	400x450m
P37-027501	Isolate Lithic	None	SPV flake	N/A
P37-027502	Isolate Lithic	None	Quartz flake	N/A
P37-027503	Isolate Lithic	None	SPV scraper	N/A
P37-027504	Isolate Lithic	None	SPV flake	N/A

Figure 4
Project Location and Associated Cultural Resources
(Confidential Figure located in Appendix G)

4.2.1 SITES

CA-SDI-17916 (PO-S-1)

This site is a temporary camp site located along a low semi-exposed ridge line. The site is in a sparsely vegetated coastal sage scrub in which the ground visibility ranged between 30-60%. The site measures approximately 250m by 50m in which three loci have been identified. Locus A measures approx 60m by 30m and contains approx 4-8 slightly patinated Santiago Peak Volcanic (SPV) flakes and 3 quartz flakes. Locus B measures approx 30m by 25m and contains 4-6 SPV flakes, 1 SPV core and 1 quartzite mano fragment.

Locus C measures approx 35m by 25m and contains approx 6-8 metavolcanic flakes, 1 retouched flake and 2 scrapers. It is likely that the site may have extended to the west but is no longer visible or present due to the school construction. The overall site integrity site is poor due to extensive ground disturbance as a result of recent plowing activities and bioturbation.

CA-SDI-17917 (PO-S-2)

This site contains both a prehistoric and historic component. The prehistoric component consists of a sparse lithic scatter and three bedrock milling features located on a small, low knoll top. The prehistoric site is located in sparsely vegetated coastal sage scrub in which the ground visibility ranged between 30-60%. The site measures approximately 50m by 25m and contains 3+ Santiago Peak volcanic flakes, one quartzite flake and three milling features. The milling features are on separate granitic boulders with slicks. The historic component consists of a rock wall and associated historic trash debris probably dating from the 1940's. The rock wall runs approx 210° S/SW from the knoll top for approx 60m and then turns east and runs approx 40m east and ends. A depressed area lies adjacent to the rock wall at the SW end. This wall and area may have served as a corral. The rock wall is approx 2 feet wide and is up to 15 inches in height and consists of larger boulders to fist size rocks. The trash deposit is located at the NE end of the rock wall and consists of 50 + pieces of clear glass, 50+ pieces of historic crockery, 1 piece of light blue glass, 10+ pieces of historic ceramic dishware, 50+ bundles of rusted baling wire, one shovel head, 20+ sanitary seal cans, one possible metal engine cowling, 1 milk bottle fragment, and a low profile rock wall feature. The overall site integrity site is fair with agricultural grazing and off-road vehicle tracks evident throughout area.

P37-027498 (PO-S-3)

This site consists of a historic local rock and concrete base set on top of a granite outcrop. The base is approx 15' in diameter and 4' tall. This base probably supported an older water tank that appears on the 1928 aerial photographs for this area, but this tank appears to have been recently replaced with a modern 5,000 gallon galvanized sheet metal water tank. At the tank's base are several historic iron bands which probably supported the original water tank, suggesting that the original tank was made of wood. Site integrity is fair, as the original tank is no longer present.

CA-SDI-17918 (PO-S-4)

This site contains both a prehistoric and historic component in an area measuring 200m by 300m. The prehistoric component consists of two milling features on separate granitic boulders. Feature A consists of a remnant slick with exfoliated surface and Feature B is a slick on a naturally spalled surface. The prehistoric site is located on a small, low knoll top and contains sparse coastal sage scrub in which the ground visibility ranged between 30-60%. A sparse lithic scatter containing 10+ Santiago Peak volcanic flakes is found throughout the site area, with a small concentration of lithics at the southern boundary.

The historic component consists of historic trash debris probably from the 1940's. The historic component consists of 20+ pieces of clear glass, 1 piece blue glass, 1 piece purple glass, assorted historic ceramics including crockery, ironstone, and 1 piece of blue transferware, and 5+ can fragments, including 1 solder-seal can. The overall site integrity site is fair.

P37-027500 (PO-S-5)

This site contains both historic and prehistoric aspects. The historical aspect consists of seven structures: a house, three corrals, a open-side barn, a enclosed barn, a elongated metal shed with an open south side, a two-story structure that may have been a temporary residence, a two-story structure with an included garage, and a structure of unknown use. The structures are all located approximately 50m west of a modern water tank that has a local rock and concrete base and remnants of iron bands from a previous tank (see P37-027498). Evidence of the house structure and the water tank can be determined from 1928 aerial photographs, and the house is also shown on the 1944 USGS 15' quadrangle map. The remaining six structures have an unknown construction date, as their presence is not visible on the 1928 aerial photograph or on the USGS 15' quadrangles through 1960. The prehistoric aspect of the site consists of an isolated aphanitic Santiago Peak metavolcanic flake, which is lightly patinated. The flake is located in southeast corner of structure complex, and was located approximately 5m south of the elongated metal shed. The overall site integrity site is poor due to extensive ground disturbance as a result of current land use, bioturbation, and vehicular and human traffic.

4.2.2 ISOLATES**P37-027501 (PO-I-1)**

This isolate consists of two aphanitic Santiago Peak Volcanic flake fragments, both lightly patinated, lying approximately 1m apart. The isolate is located approximately 300m east of Potrero Valley Road and approximately 100m west of track in an area between two ridgelines. The area is sparsely vegetated with coastal sage scrub, and the soil consists of sandy loam and has been disked in the past.

P37-027502 (PO-I-2)

This isolate contains a single quartz flake. There are other quartz chunks scattered within a 40m radius, but they do not appear to be cultural and may represent a natural outcrop, possibly a quarry site. The isolate is located in the eastern half of the project area on the toe of a ridge with a WNW-facing slope approximately 20m southeast from the easternmost dirt road, and approximately 250m west of the eastern property line boundary. Potrero Valley Road is located approximately 800m west. The site lies within an area densely vegetated with coastal sage scrub and chaparral, with a soil composed of decomposing granite and sandy loam.

P37-027503 (PO-I-3)

P37-027503 consists of a single aphanitic Santiago Peak Volcanic scraper tool. The isolate is located approximately 250m east of Potrero Valley Road and approximately 100m south of the northern fence boundary in a sparsely vegetated area dominated by coastal sage scrub, with a sandy loam soil.

P37-027504 (PO-I-4)

This isolate consists of a Santiago Peak Volcanic (SPV) interior flake, which is lightly patinated and aphanitic, and a smoky quartz flake approximately 1m northwest of the SPV flake. The isolate is located approximately 250m east of Potrero Valley Road, 75m west of the dirt road leading north from the racing track, and approximately 20m east of existing percolation test flagging. The isolated artifacts can be found northeast of a knoll top in an area characterized by sparsely vegetated coastal sage scrub and chaparral, with the soil consisting of sandy loam.

4.3 TESTING RESULTS

The survey identified five sites containing prehistoric and/or historic artifacts and features [CA-SDI-17916 (PO-S-1), CA-SDI-17917 (PO-S-2), CA-SDI-17918 (PO-S-4), P-37-027498 (PO-S-3), and P-37-027500 (PO-S-5)], as well as four prehistoric isolates [P-37-027501 (PO-I-1) through P-37-027504 (PO-I-4)]. CA-SDI-17916 consists of a prehistoric temporary camp with multiple loci and associated lithics. CA-SDI-17917 has a prehistoric component consisting of bedrock milling features and associated lithics, as well as a historic component consisting of a rock wall and associated trash scatter. P-37-027498 is a historic water tank base with a modern water tank. CA-SDI-17918 has a prehistoric component consisting of two bedrock milling features and a sparse lithic scatter and a historic component consisting of a trash scatter. P-37-027500 is an historic homesite with an isolated lithic present. Isolates P-37-027501 (PO-I-1) through P-37-027504 (PO-I-4) consist of isolated Santiago Peak Volcanic and quartz flakes.

The current project design proposes impacts to four of the five archaeological/historical sites. Under the California Environmental Quality Act (CEQA), the County Resource Protection Ordinance (RPO), and the 2006 County of San Diego guidelines proposed impacts to significant cultural resources need to be considered in the planning process. The 2006 County Guidelines treat all

archaeological sites with integrity as having the potential to yield information and as significant and therefore mitigation is required. The purpose of the testing program is to determine if the sites retain integrity and if additional cultural material in the form of subsurface components are present.

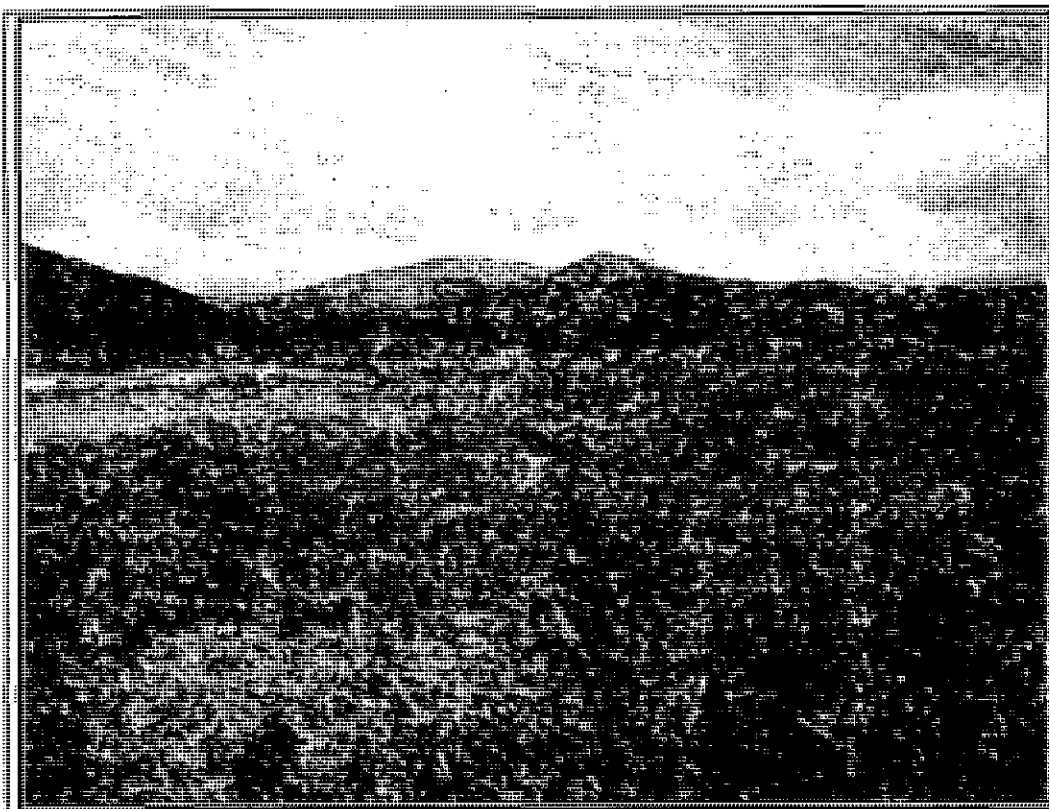
The four isolates are not considered significant pursuant to CEQA and the County's RPO. Therefore no additional work is required for the isolates. Historic resources P-37-027498, and P-37-027500 and prehistoric or multicomponent sites CA-SDI-17916 and CA-SDI-17918 will be both directly and indirectly impacted by the current project plan and testing of these resources was required to determine the integrity of these sites and to determine if additional data recovery would be necessary. The testing of these resources is described in greater detail below.

4.3.1 CA-SDI-17916

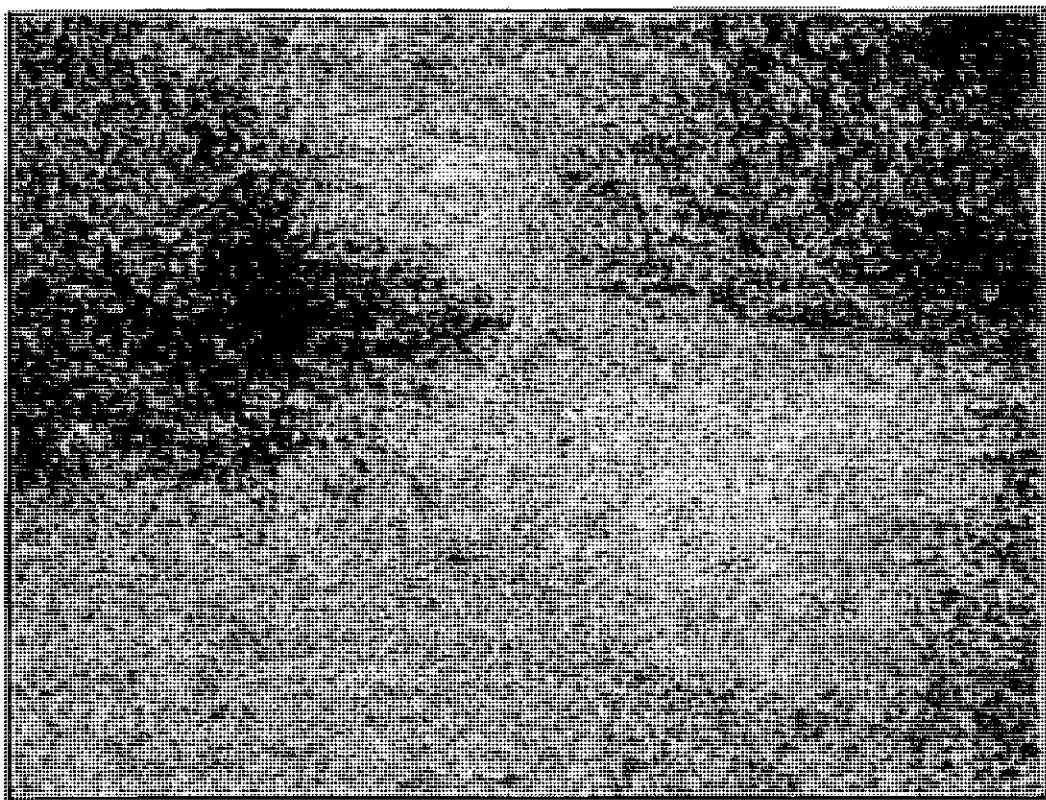
Structure and Soils

This site is a prehistoric temporary camp with a small historic refuse scatter located along a low semi-exposed ridge line (Figure 5). At the time of the survey the site was in a sparsely vegetated coastal sage scrub in which the ground visibility ranged between 30-60%. The site appeared to be in an area that has been brushed and disked through time and based on the sparse surface vegetation and lack of a well-developed topsoil, this site has probably been an erosional environment for some time as a result of repeated surface disking. During the survey the site measured approximately 250m by 50m and three loci were originally identified.

Since the survey, the area has burned and exposed the soil to sheet erosion and aeolian deflation (See Figure 5). Because the site is on a slightly elevated ridge, both wind and water have removed as much or more than 10 cm of top-soil, resulting in small aeolian "dunes" and a much greater surface exposure of artifacts. The deflated nature of the site surface and the more extensive exposure of surface artifacts has made some of the concentrations of artifacts originally identified as loci less distinct. Because more surface artifacts were identified during the testing phase, the original boundaries for Locus A, Locus B, and Locus C are undetermined. Therefore, the loci are not treated separately for the purposes of this study. Figure 6 shows the distribution of surface artifacts at the site in relation to the testing. The additional fire-related deflation at the site has clearly shown the central part of the site which was originally the eastern locus to be the main concentration of activity. This area had the majority of the subsurface deposits as well as the greatest density of surface artifacts. Figure 7 shows the distribution of surface artifacts. Sparse historic artifacts are concentrated in the western portion of the site and consists of a few pieces of broken glass, a spoon, and some unidentified metal fragments. This probably represents a low density scatter of miscellaneous debris surrounding site P-37-027498. Post fire surface exposure and deflation resulted in an extension of the northeastern boundary of the site. The final size of site CA-SDI-17916 is 370 m east/west by 200 m north/south.



CA-SDI-17916 Overview



CA-SDI-17916 Soil Erosion

Figure 5
CA-SDI-17916 Overview Photographs

Figure 6
Project Location and Associated Cultural Resources
(Confidential Figure located in Appendix G)

Figure 7
Surface Artifact Distribution
(Confidential Figure located in Appendix G)

Soils throughout the site were generally a medium brownish-red coarse, sandy clay subsoil overlaying decomposing granitic bedrock or unweathered bedrock. Organic content was absent except at the eastern end of the site on the highest point of the ridgeline. This topsoil was present to a depth of approximately 15 cm. On the western edge of the site there did not appear to be any topsoil and small aeolian "dunes" have formed around low shrubs due to the wind erosion of the topsoil (See Figure 5). The presence of sparse charcoal was noted throughout the site and it appears it is without relationship to cultural material content. Charcoal appears to be sparsely distributed throughout the site area as a result of natural fires.

The STPs indicated that soils throughout much of the site averaged approximately 30 cm in depth. Soils appear to have been largely developed in place. As mentioned above, the overall organic content of the soil was limited. This is due to past and recent deflation at the site and from the recent fire that burned the area. The topsoil has eroded limiting the growth of annual plants and grasses within the site. There was little or no evidence of bioturbation due to the shallow nature of the soil horizon.

Soils in Unit 1 appeared relatively homogeneous and were consistent with those found in the STPs (Figure 8). The soils appear to have been derived from natural on-site weathering with increasing amounts of decomposed granite found at greater depths. Despite the erosion, stratigraphic integrity was fair with no visible rodent disturbance. The soil in roughly the upper 10 cm of the unit had a slightly higher organic and silt content. This appears to represent the "A" soil horizon. It was a brown (10YR 4/3), poorly sorted, silty sandy loam.

The "B" soil horizon represents a transition between the topsoil and the weathered bedrock. In Unit 1 it extends from approximately 10 cm to approximately 30 cm in depth. This soil consisted of dark reddish brown (7.5YR 3/4) sand with coarser decomposed granite sand. The organic content in this soil horizon was low. The transition between the "A" and "B" horizons was strongly distinct. The sterile "B" horizon subsoil contained increased amounts of decomposed granite at approximately 28 cm in depth and is lacked cultural material. Overall the stratigraphic profile indicated in Unit 1 indicates natural, rather than cultural stratigraphy. Topsoil was limited to the upper 10 cm of the deposit suggesting limited potential for cultural material at depth.

Soils in Unit 2 appeared relatively homogeneous and were consistent with those found in the STPs (Figure 9). The soils appear to have been derived from natural on-site weathering with increasing amounts of decomposed granite found at greater depths. Despite the erosion, stratigraphic integrity was fair with no visible rodent disturbance. The soil in roughly the upper 10 to 12 cm of the unit had a slightly higher organic and silt content. This appears to represent the "A" soil horizon. It was a brown (7.5YR 4/3), well sorted, silty loam. The transition between the "A" and "B" horizons was not strongly distinct. The lower soil horizon probably represents the "B" horizon or subsoil. This was a strong brown (7.5YR 4/6) clay. Decomposed granite fragments gradually increased with depth to 30 cm where they dominated the clay. This clay subsoil appears to have been sterile and below the cultural deposits.

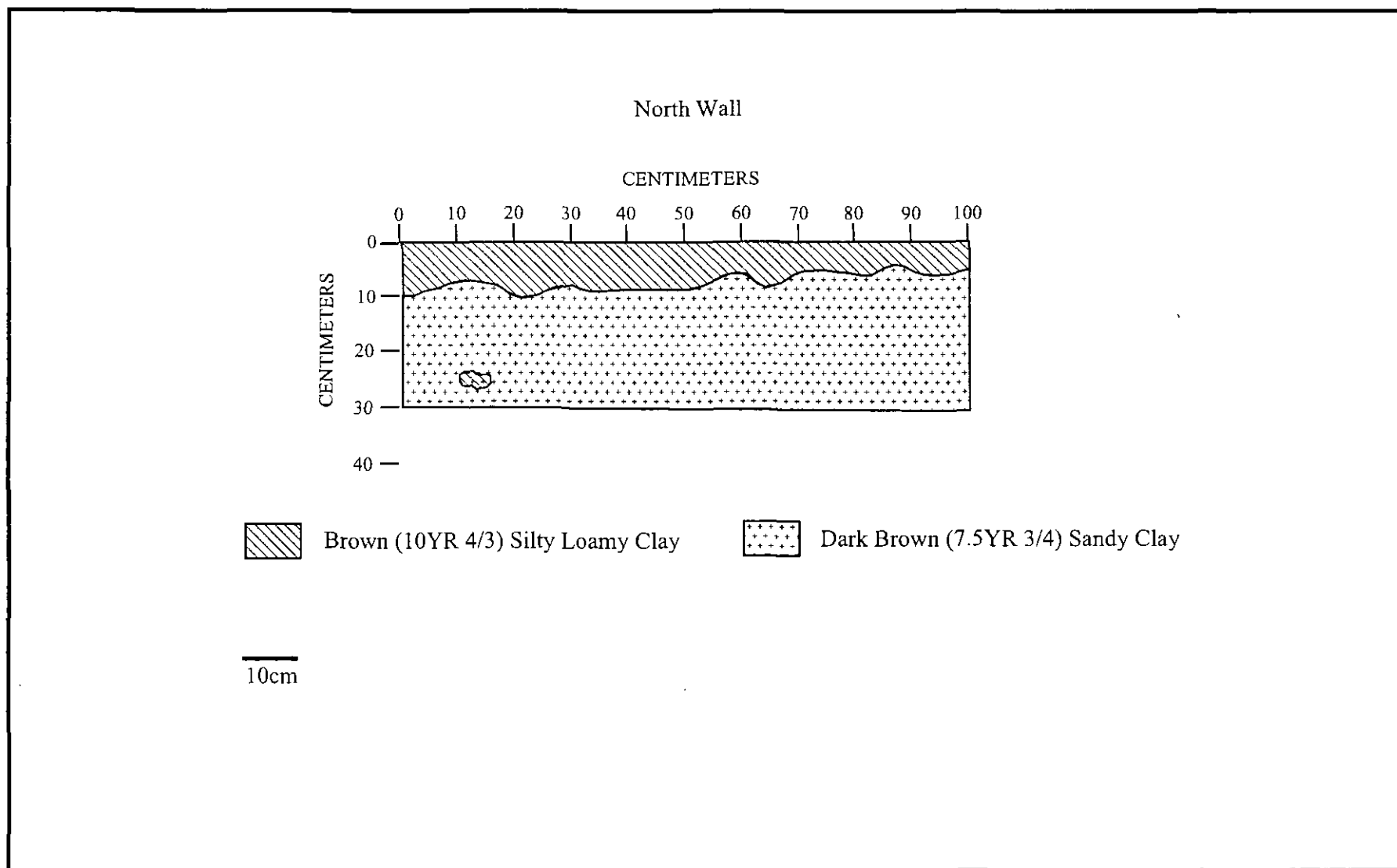


Figure 8
CA-SDI-17916 Unit 1
North Wall Profile



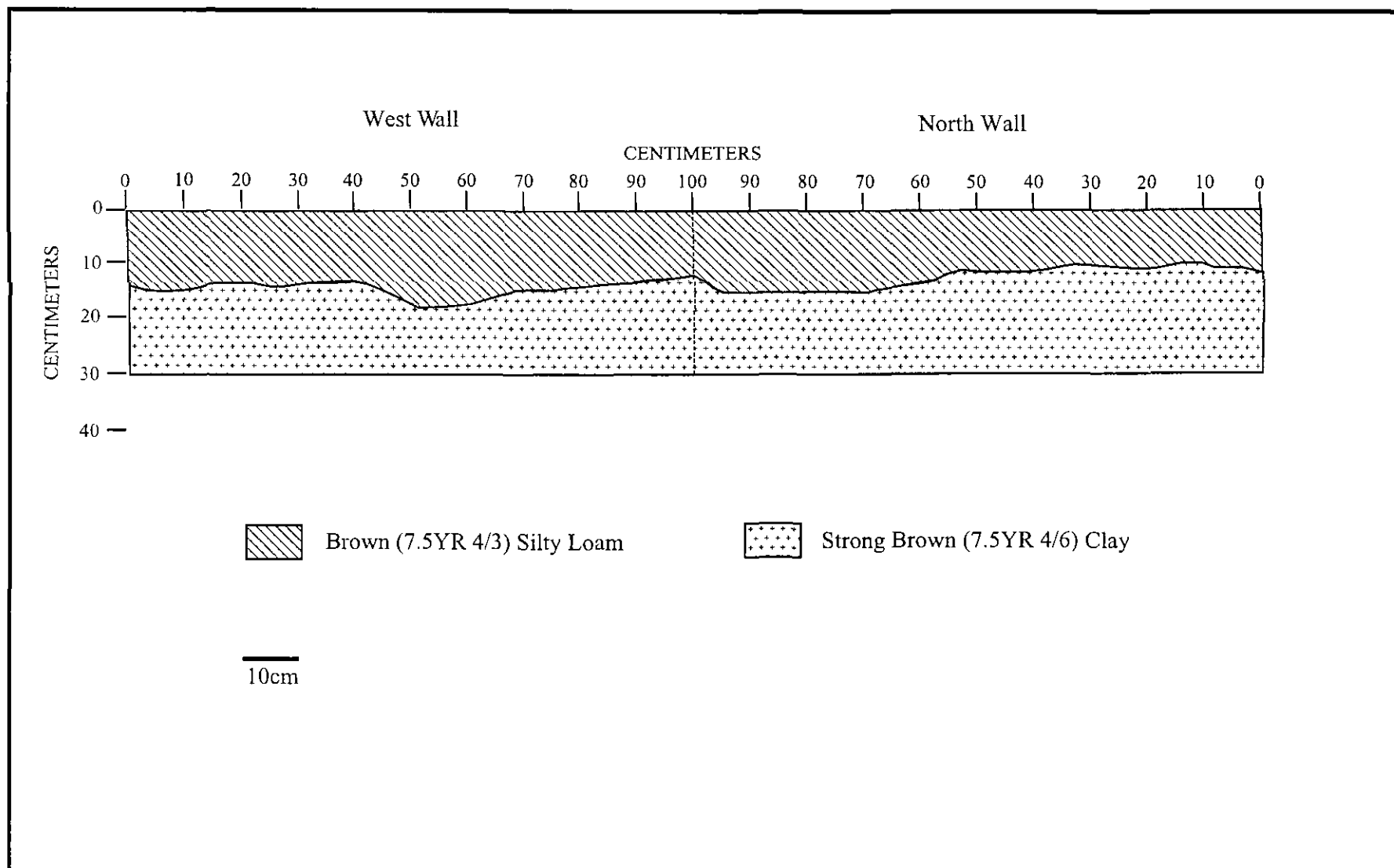


Figure 9
CA-SDI-17916 Unit 2
West and North Wall Profile



Testing Results

Testing of CA-SDI-17916 included artifact surface collection in addition to subsurface testing. As indicated in Table 4, surface artifacts were relatively abundant. A total of 446 surface collection points were mapped resulting in the recovery of 601 artifacts. As indicated in Table 5, surface artifacts were dominated by flaked lithic debitage. Debitage made up approximately 84 percent of the surface artifacts. Six cores were also recovered. While this is typical of most prehistoric cultural resources, it also suggests that flaked lithic tool production may have been an important activity at the site. Lithic tools from the surface included 53 flake tools, 2 projectile points, and 2 bifaces. Prehistoric ceramics are generally associated with Late Prehistoric activity. The presence of 4 Tizon Brown Ware ceramic sherds on the surface suggests a possible small Late Prehistoric component. Other surface artifacts included 8 manos. Historic items included 5 historic ceramic sherds, 8 pieces of glass, and 5 pieces of metal. Based on the surface collection results, this site is approximately 370 m east/west by 200 m north/south. As indicated on Table 5 surface artifacts made up 97.2 percent of the testing collection. This combined with the soil conditions and post-fire erosion suggest that the site largely represents a deflated surface component.

Table 5 summarizes the results of testing and indicates that a total of 601 artifacts were recovered during the testing program at CA-SDI-17916. Approximately 97 percent of this material was recovered from the surface collection, while units and STPs made up the remainder. Similar to the surface collection, flake lithic debitage made up almost all of the recovered artifacts in units and STPs; one piece of intrusive glass was also recovered in a STP. The overall artifact distribution appears to support the data on soils and erosion suggesting that the site is essentially deflated into a single essentially surface layer of artifacts. Only 6 artifacts (all debitage) were recovered from the two test units and Unit 2 was completely sterile.

As will be discussed further in the analysis, if this site represents multiple components then they are not separated by vertical stratigraphy. All of the items that are diagnostic of the Late Prehistoric (Tizon Brown Ware ceramics and projectile points) (Shots 10, 37, 112, and 446) are distributed near the eastern edge of the site suggesting that there might be some horizontal stratigraphy at the site (See Figure 6).

STP placement was based on the surface artifact density distribution and the goal of establishing both subsurface boundaries and the areas of greatest subsurface deposits. A total of 53 STPs were excavated at CA-SDI-17916. As indicated on Figure 6, STPs were laid out in a series of north/south and east/west lines to both test across the main surface distribution of artifacts and to test for the presence of the original loci described for the site. STPs were generally 30 cm in depth due to the shallow subsoil deposits at the site and the large number of negative tests.

As shown in Figure 6 and Table 6, 6 of the STPs were positive and contained small amounts of prehistoric cultural material. A seventh STP contained only intrusive glass. The positive STPs indicate that the two areas of subsurface cultural material are associated with the two main surface concentrations.

Table 4. CA-SDI-17916 Surface Collection Results

Catalogue	Location	Artifact Type	Catalogue	Location	Artifact Type
SDI-17916-1	1	Flake	SDI-17916-45	43	Angular Waste
SDI-17916-2	2	Flake	SDI-17916-46	44	Angular Waste
SDI-17916-3	3	Angular Waste	SDI-17916-47	45	Projectile Point
SDI-17916-4	4	Flake	SDI-17916-48	46	Angular Waste
SDI-17916-5	4	Flake	SDI-17916-49	47	Flake
SDI-17916-6	5	Flake	SDI-17916-50	48	Flake
SDI-17916-7	6	Flake	SDI-17916-51	49	Flake
SDI-17916-8	7	Flake	SDI-17916-52	50	Flake
SDI-17916-9	7	Flake	SDI-17916-53	51	Flake
SDI-17916-10	8	Flake	SDI-17916-54	51	Flake
SDI-17916-11	9	Flake	SDI-17916-55	52	Flake
SDI-17916-12	10	Tizon Brown Ware	SDI-17916-56	52	Flake
SDI-17916-13	11	Flake	SDI-17916-57	52	Flake
SDI-17916-14	12	Flake	SDI-17916-58	53	Flake
SDI-17916-15	13	Flake	SDI-17916-59	54	Angular Waste
SDI-17916-16	14	Flake	SDI-17916-60	55	Angular Waste
SDI-17916-17	15	Flake	SDI-17916-61	55	Flake Tool
SDI-17916-18	16	Mano	SDI-17916-62	56	Flake Tool
SDI-17916-19	17	Mano	SDI-17916-63	57	Flake
SDI-17916-20	18	Mano	SDI-17916-64	58	Angular Waste
SDI-17916-21	19	Angular Waste	SDI-17916-65	59	Flake
SDI-17916-22	20	Flake	SDI-17916-66	60	Angular Waste
SDI-17916-23	21	Biface	SDI-17916-66	60	Angular Waste
SDI-17916-24	22	Flake	SDI-17916-67	60	Flake
SDI-17916-25	23	Flake	SDI-17916-68	61	Angular Waste
SDI-17916-26	24	Flake	SDI-17916-69	62	Flake
SDI-17916-27	25	Flake	SDI-17916-70	63	Flake
SDI-17916-28	26	Flake	SDI-17916-71	63	Flake
SDI-17916-29	27	Flake	SDI-17916-72	64	Flake
SDI-17916-30	28	Flake Tool	SDI-17916-73	65	Flake
SDI-17916-31	29	Flake Tool	SDI-17916-74	66	Flake
SDI-17916-32	30	Flake	SDI-17916-75	67	Flake
SDI-17916-33	31	Core	SDI-17916-76	67	Flake
SDI-17916-34	32	Flake	SDI-17916-77	68	Flake
SDI-17916-35	33	Flake Tool	SDI-17916-78	69	Angular Waste
SDI-17916-36	34	Flake	SDI-17916-79	70	Flake
SDI-17916-37	35	Flake	SDI-17916-80	71	Flake
SDI-17916-38	36	Flake	SDI-17916-81	72	Flake
SDI-17916-39	37	Tizon Brown Ware	SDI-17916-82	73	Flake
SDI-17916-40	38	Flake	SDI-17916-83	74	Flake Tool
SDI-17916-41	39	Flake	SDI-17916-84	75	Flake
SDI-17916-42	40	Flake	SDI-17916-85	76	Flake
SDI-17916-43	41	Flake	SDI-17916-86	77	Flake Tool
SDI-17916-44	42	Flake	SDI-17916-87	78	Flake

Table 4. CA-SDI-17916 Surface Collection Result (Continued)

SDI-17916-88	79	Angular Waste	SDI-17916-135	119	Flake
SDI-17916-89	79	Flake	SDI-17916-136	120	Angular Waste
SDI-17916-90	80	Flake	SDI-17916-137	121	Angular Waste
SDI-17916-91	81	Angular Waste	SDI-17916-138	122	Flake
SDI-17916-92	82	Flake	SDI-17916-139	123	Metal
SDI-17916-93	83	Flake Tool	SDI-17916-140	124	Flake
SDI-17916-94	84	Flake	SDI-17916-141	125	Flake Tool
SDI-17916-95	84	Flake	SDI-17916-142	126	Flake Tool
SDI-17916-96	85	Flake	SDI-17916-143	127	Metal
SDI-17916-97	86	Flake	SDI-17916-144	128	Flake
SDI-17916-98	87	Flake	SDI-17916-145	128	Flake
SDI-17916-99	88	Angular Waste	SDI-17916-146	128	Flake Tool
SDI-17916-100	89	Flake	SDI-17916-147	128	Flake Tool
SDI-17916-101	90	Flake	SDI-17916-148	129	Flake
SDI-17916-102	90	Flake	SDI-17916-149	130	Flake
SDI-17916-103	91	Flake	SDI-17916-150	131	Flake
SDI-17916-104	92	Flake	SDI-17916-151	131	Flake Tool
SDI-17916-105	93	Flake	SDI-17916-152	131	Flake
SDI-17916-106	94	Flake	SDI-17916-153	131	Flake
SDI-17916-107	94	Flake	SDI-17916-154	132	Angular Waste
SDI-17916-108	95	Mano	SDI-17916-155	133	Flake
SDI-17916-109	96	Flake	SDI-17916-156	133	Flake
SDI-17916-110	96	Flake	SDI-17916-157	134	Flake
SDI-17916-111	97	Flake	SDI-17916-158	135	Flake
SDI-17916-112	98	Angular Waste	SDI-17916-159	136	Flake
SDI-17916-113	99	Flake	SDI-17916-160	137	Biface
SDI-17916-114	100	Flake Tool	SDI-17916-161	137	Angular Waste
SDI-17916-115	101	Flake	SDI-17916-162	137	Flake
SDI-17916-116	101	Flake	SDI-17916-163	138	Flake
SDI-17916-117	102	Flake	SDI-17916-164	139	Flake Tool
SDI-17916-118	103	Flake	SDI-17916-165	140	Flake
SDI-17916-119	104	Flake	SDI-17916-166	141	Flake
SDI-17916-120	104	Flake	SDI-17916-167	142	Flake
SDI-17916-121	105	Angular Waste	SDI-17916-168	143	Flake
SDI-17916-122	106	Flake	SDI-17916-169	143	Flake Tool
SDI-17916-123	107	Flake	SDI-17916-170	143	Flake
SDI-17916-124	108	Flake Tool	SDI-17916-171	144	Core
SDI-17916-125	109	Flake	SDI-17916-172	144	Core
SDI-17916-126	110	Flake Tool	SDI-17916-173	145	Flake
SDI-17916-127	111	Flake	SDI-17916-174	146	Flake
SDI-17916-128	112	Tizon Brown Ware	SDI-17916-175	146	Flake
SDI-17916-129	113	Flake	SDI-17916-176	147	Flake
SDI-17916-130	114	Angular Waste	SDI-17916-177	148	Flake
SDI-17916-131	115	Flake	SDI-17916-178	149	Flake
SDI-17916-132	116	Flake Tool	SDI-17916-179	150	Flake
SDI-17916-133	117	Flake	SDI-17916-180	151	Flake
SDI-17916-134	118	Flake Tool	SDI-17916-181	152	Flake

Table 4. CA-SDI-17916 Surface Collection Result (Continued)

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Artifact Type
SDI-17916-182	153	Flake	SDI-17916-228	188	Flake
SDI-17916-183	153	Flake	SDI-17916-229	189	Angular Waste
SDI-17916-184	154	Angular Waste	SDI-17916-230	189	Flake
SDI-17916-185	155	Angular Waste	SDI-17916-231	190	Flake
SDI-17916-186	156	Flake	SDI-17916-232	190	Flake
SDI-17916-187	157	Flake	SDI-17916-233	190	Flake
SDI-17916-188	158	Flake	SDI-17916-234	190	Angular Waste
SDI-17916-189	159	Flake Tool	SDI-17916-235	191	Mano
SDI-17916-190	160	Flake	SDI-17916-236	192	Flake
SDI-17916-191	160	Flake	SDI-17916-237	193	Flake
SDI-17916-192	161	Flake	SDI-17916-238	194	Flake
SDI-17916-193	162	Flake	SDI-17916-239	194	Flake
SDI-17916-194	163	Flake	SDI-17916-240	194	Angular Waste
SDI-17916-195	164	Flake	SDI-17916-241	195	Flake
SDI-17916-196	165	Angular Waste	SDI-17916-242	195	Flake
SDI-17916-197	165	Flake	SDI-17916-243	196	Flake
SDI-17916-198	166	Flake	SDI-17916-244	197	Flake
SDI-17916-199	167	Flake	SDI-17916-245	197	Flake
SDI-17916-200	168	Flake	SDI-17916-246	197	Flake
SDI-17916-201	169	Flake	SDI-17916-247	198	Angular Waste
SDI-17916-202	170	Angular Waste	SDI-17916-248	198	Angular Waste
SDI-17916-203	171	Angular Waste	SDI-17916-249	199	Flake
SDI-17916-204	171	Angular Waste	SDI-17916-250	199	Angular Waste
SDI-17916-205	172	Flake	SDI-17916-251	199	Angular Waste
SDI-17916-206	173	Angular Waste	SDI-17916-252	200	Flake Tool
SDI-17916-207	174	Flake	SDI-17916-253	201	Angular Waste
SDI-17916-208	175	Flake	SDI-17916-254	202	Flake
SDI-17916-209	175	Flake	SDI-17916-255	202	Flake
SDI-17916-210	176	Flake	SDI-17916-256	202	Flake
SDI-17916-211	145	Flake	SDI-17916-257	202	Angular Waste
SDI-17916-212	177	Angular Waste	SDI-17916-258	203	Flake
SDI-17916-213	177	Angular Waste	SDI-17916-259	203	Angular Waste
SDI-17916-214	178	Flake	SDI-17916-260	204	Flake
SDI-17916-215	179	Angular Waste	SDI-17916-261	205	Angular Waste
SDI-17916-216	180	Flake	SDI-17916-262	205	Flake
SDI-17916-217	181	Flake	SDI-17916-263	205	Flake Tool
SDI-17916-218	182	Core	SDI-17916-264	206	Flake Tool
SDI-17916-219	183	Flake	SDI-17916-265	206	Flake
SDI-17916-220	184	Flake	SDI-17916-266	206	Flake
SDI-17916-221	185	Flake Tool	SDI-17916-267	207	Angular Waste
SDI-17916-222	185	Flake	SDI-17916-268	208	Flake
SDI-17916-223	185	Flake	SDI-17916-269	209	Flake
SDI-17916-224	186	Angular Waste	SDI-17916-270	209	Flake
SDI-17916-225	186	Flake	SDI-17916-271	210	Flake Tool
SDI-17916-226	186	Angular Waste	SDI-17916-272	210	Flake
SDI-17916-227	187	Flake	SDI-17916-273	211	Angular Waste

Table 4. CA-SDI-17916 Surface Collection Result (Continued)

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Artifact Type
SDI-17916-274	212	Flake	SDI-17916-318	238	Flake Tool
SDI-17916-275	212	Flake	SDI-17916-319	238	Flake
SDI-17916-276	212	Flake	SDI-17916-320	239	Lithic
SDI-17916-277	212	Angular Waste	SDI-17916-321	240	Flake
SDI-17916-278	213	Flake	SDI-17916-322	240	Flake
SDI-17916-279	214	Angular Waste	SDI-17916-323	241	Flake
SDI-17916-280	214	Angular Waste	SDI-17916-324	241	Flake
SDI-17916-281	215	Flake	SDI-17916-325	242	Flake
SDI-17916-282	216	Flake	SDI-17916-326	242	Flake
SDI-17916-283	217	Flake	SDI-17916-327	243	Flake
SDI-17916-284	217	Flake	SDI-17916-328	243	Flake
SDI-17916-285	217	Flake	SDI-17916-329	244	Flake
SDI-17916-286	217	Flake	SDI-17916-330	245	Flake
SDI-17916-287	218	Angular Waste	SDI-17916-331	246	Flake
SDI-17916-288	218	Angular Waste	SDI-17916-332	247	Flake
SDI-17916-289	219	Flake	SDI-17916-333	248	Flake
SDI-17916-290	220	Flake	SDI-17916-334	248	Flake
SDI-17916-291	221	Flake	SDI-17916-335	249	Flake
SDI-17916-292	221	Flake	SDI-17916-336	249	Flake
SDI-17916-293	222	Flake	SDI-17916-337	250	Flake
SDI-17916-294	224	Flake	SDI-17916-338	250	Flake
SDI-17916-295	224	Flake Tool	SDI-17916-339	250	Flake
SDI-17916-296	225	Flake	SDI-17916-340	250	Angular Waste
SDI-17916-297	225	Flake	SDI-17916-341	251	Flake
SDI-17916-298	226	Flake	SDI-17916-342	252	Flake
SDI-17916-299	226	Flake	SDI-17916-343	253	Flake
SDI-17916-300	227	Flake	SDI-17916-344	253	Angular Waste
SDI-17916-301	227	Flake	SDI-17916-345	254	Flake
SDI-17916-302	228	Flake	SDI-17916-346	255	Flake
SDI-17916-303	228	Flake	SDI-17916-347	256	Angular Waste
SDI-17916-304	229	Flake	SDI-17916-348	257	Flake
SDI-17916-305	230	Flake	SDI-17916-349	258	Angular Waste
SDI-17916-306	230	Flake	SDI-17916-350	259	Flake
SDI-17916-307	231	Angular Waste	SDI-17916-351	260	Flake
SDI-17916-308	232	Flake	SDI-17916-352	260	Flake
SDI-17916-309	233	Flake	SDI-17916-353	261	Angular Waste
SDI-17916-310	234	Core	SDI-17916-354	262	Flake
SDI-17916-311	234	Flake Tool	SDI-17916-355	263	Flake
SDI-17916-312	234	Angular Waste	SDI-17916-356	264	Flake
SDI-17916-313	234	Flake	SDI-17916-357	265	Flake
SDI-17916-314	235	Flake	SDI-17916-358	266	Angular Waste
SDI-17916-315	236	Flake	SDI-17916-359	267	Flake
SDI-17916-316	237	Flake	SDI-17916-360	268	Flake
SDI-17916-317	238	Flake	SDI-17916-361	268	Flake

Table 4. CA-SDI-17916 Surface Collection Result (Continued)

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Artifact Type
SDI-17916-362	269	Flake	SDI-17916-408	306	Flake
SDI-17916-363	270	Flake	SDI-17916-409	307	Flake
SDI-17916-364	270	Flake	SDI-17916-410	308	Flake
SDI-17916-365	271	Flake Tool	SDI-17916-411	309	Flake
SDI-17916-366	272	Flake Tool	SDI-17916-412	310	Glass
SDI-17916-367	273	Angular Waste	SDI-17916-413	311	Flake Tool
SDI-17916-368	273	Angular Waste	SDI-17916-414	312	Flake Tool
SDI-17916-369	273	Flake	SDI-17916-415	313	Flake
SDI-17916-370	274	Flake Tool	SDI-17916-416	314	Glass
SDI-17916-371	275	Flake	SDI-17916-417	315	Flake
SDI-17916-372	276	Angular Waste	SDI-17916-418	316	Angular Waste
SDI-17916-373	277	Flake	SDI-17916-419	317	Flake
SDI-17916-374	278	Flake	SDI-17916-420	317	Angular Waste
SDI-17916-375	279	Flake Tool	SDI-17916-421	318	Flake
SDI-17916-376	280	Flake Tool	SDI-17916-422	319	Metal
SDI-17916-377	281	Flake	SDI-17916-423	320	Flake
SDI-17916-378	282	Angular Waste	SDI-17916-424	321	Flake Tool
SDI-17916-379	283	Angular Waste	SDI-17916-425	322	Flake Tool
SDI-17916-380	283	Flake	SDI-17916-426	323	Ceramic
SDI-17916-381	283	Flake	SDI-17916-427	324	Angular Waste
SDI-17916-382	284	Flake Tool	SDI-17916-428	325	Metal
SDI-17916-383	285	Flake Tool	SDI-17916-429	326	Flake
SDI-17916-384	286	Flake	SDI-17916-430	327	Mano
SDI-17916-385	287	Flake	SDI-17916-431	328	Angular Waste
SDI-17916-386	287	Angular Waste	SDI-17916-432	328	Angular Waste
SDI-17916-387	288	Flake	SDI-17916-433	329	Core
SDI-17916-388	288	Flake	SDI-17916-434	330	Angular Waste
SDI-17916-389	289	Flake	SDI-17916-435	331	Angular Waste
SDI-17916-390	290	Flake	SDI-17916-436	331	Flake
SDI-17916-391	291	Angular Waste	SDI-17916-437	332	Flake
SDI-17916-392	291	Flake	SDI-17916-438	333	Mano
SDI-17916-393	291	Flake	SDI-17916-439	334	Flake Tool
SDI-17916-394	292	Angular Waste	SDI-17916-440	335	Angular Waste
SDI-17916-395	293	Flake	SDI-17916-441	336	Ceramic
SDI-17916-396	293	Angular Waste	SDI-17916-442	337	Glass
SDI-17916-397	294	Flake	SDI-17916-443	338	Flake
SDI-17916-398	294	Flake	SDI-17916-444	339	Ceramic
SDI-17916-399	295	Flake	SDI-17916-445	340	Ceramic
SDI-17916-400	296	Flake Tool	SDI-17916-446	341	Flake
SDI-17916-401	297	Flake	SDI-17916-447	342	Flake
SDI-17916-402	297	Flake	SDI-17916-448	343	Glass
SDI-17916-403	298	Flake	SDI-17916-449	344	Flake
SDI-17916-404	299	Angular Waste	SDI-17916-450	345	Flake
SDI-17916-405	300	Flake	SDI-17916-451	346	Ceramic
SDI-17916-406	301	Flake	SDI-17916-452	347	Flake
SDI-17916-407	301	Angular Waste	SDI-17916-453	347	Flake

Table 4. CA-SDI-17916 Surface Collection Result (Continued)

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Artifact Type
SDI-17916-454	348	Intrusive	SDI-17916-501	393	Angular Waste
SDI-17916-455	349	Angular Waste	SDI-17916-502	394	Flake
SDI-17916-456	350	Flake	SDI-17916-503	395	Flake
SDI-17916-457	351	Angular Waste	SDI-17916-504	396	Angular Waste
SDI-17916-458	352	Flake	SDI-17916-505	397	Flake
SDI-17916-459	353	Glass	SDI-17916-506	398	Flake Tool
SDI-17916-460	353	Flake	SDI-17916-507	399	Flake Tool
SDI-17916-461	354	Glass	SDI-17916-508	400	Angular Waste
SDI-17916-462	354	Glass	SDI-17916-509	401	Angular Waste
SDI-17916-463	355	Flake	SDI-17916-510	402	Angular Waste
SDI-17916-464	356	Angular Waste	SDI-17916-511	403	Flake
SDI-17916-465	357	Metal	SDI-17916-512	404	Flake
SDI-17916-466	358	Flake	SDI-17916-513	405	Flake Tool
SDI-17916-467	359	Angular Waste	SDI-17916-514	406	Angular Waste
SDI-17916-468	360	Angular Waste	SDI-17916-515	407	Angular Waste
SDI-17916-469	361	Glass	SDI-17916-516	408	Angular Waste
SDI-17916-470	362	Flake	SDI-17916-517	409	Flake
SDI-17916-471	363	Angular Waste	SDI-17916-518	410	Flake
SDI-17916-472	364	Flake	SDI-17916-519	411	Flake Tool
SDI-17916-473	365	Flake	SDI-17916-520	412	Flake
SDI-17916-474	366	Angular Waste	SDI-17916-521	413	Flake
SDI-17916-475	367	Angular Waste	SDI-17916-522	414	Flake
SDI-17916-476	368	Flake	SDI-17916-523	415	Flake
SDI-17916-477	369	Angular Waste	SDI-17916-524	416	Flake
SDI-17916-478	370	Flake	SDI-17916-525	417	Flake
SDI-17916-479	371	Flake	SDI-17916-526	418	Angular Waste
SDI-17916-480	372	Flake	SDI-17916-527	419	Flake Tool
SDI-17916-481	373	Flake	SDI-17916-528	420	Flake
SDI-17916-482	374	Flake	SDI-17916-529	420	Angular Waste
SDI-17916-483	375	Flake	SDI-17916-530	421	Flake
SDI-17916-484	376	Flake	SDI-17916-531	422	Flake
SDI-17916-485	377	Angular Waste	SDI-17916-532	423	Flake
SDI-17916-486	378	Angular Waste	SDI-17916-533	424	Flake
SDI-17916-487	379	Flake Tool	SDI-17916-534	425	Angular Waste
SDI-17916-488	380	Angular Waste	SDI-17916-535	426	Angular Waste
SDI-17916-489	381	Flake Tool	SDI-17916-536	427	Angular Waste
SDI-17916-490	382	Flake	SDI-17916-537	428	Intrusive
SDI-17916-491	383	Flake	SDI-17916-538	429	Flake
SDI-17916-492	384	Flake	SDI-17916-539	430	Flake
SDI-17916-493	385	Flake	SDI-17916-540	431	Angular Waste
SDI-17916-494	386	Flake Tool	SDI-17916-541	432	Flake
SDI-17916-495	387	Flake	SDI-17916-542	433	Flake
SDI-17916-496	388	Flake	SDI-17916-543	434	Angular Waste
SDI-17916-497	389	Flake	SDI-17916-544	435	Flake
SDI-17916-498	390	Flake	SDI-17916-545	436	Flake
SDI-17916-499	391	Flake	SDI-17916-546	437	Flake
SDI-17916-500	392	Angular Waste	SDI-17916-547	438	Flake

Table 4. CA-SDI-17916 Surface Collection Result (Continued)

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Artifact Type
SDI-17916-548	439	Angular Waste	SDI-17916-554	444	Angular Waste
SDI-17916-549	440	Flake	SDI-17916-555	444	Flake
SDI-17916-550	440	Angular Waste	SDI-17916-556	445	Angular Waste
SDI-17916-551	441	Flake	SDI-17916-557	446	Projectile Point
SDI-17916-552	442	Flake	SDI-17916-558		Mano
SDI-17916-553	443	Flake	SDI-17916-572	217	Flake

Table 5. CA-SDI-17916 Cultural Material by Provenience

Artifact Type	Surface	STPs	Units	Total	Percent
Angular Waste	111	4	4	119	19.8
Flake	380	5	2	387	64.4
Core	6	0	0	6	1.0
Flake Tool	53	1	0	54	9.0
Glass	8	1	0	9	1.5
Projectile Point	2	0	0	2	0.3
Biface	2	0	0	2	0.3
Metal	5	0	0	5	0.8
Mano	8	0	0	8	1.3
Tizon Brown Ware	4	0	0	4	0.7
Historic Ceramic	5	0	0	5	0.8
Total Count	584	11	6	601	100.0
Percent	97.2	1.8	1.0	100.0	

A total of 11 artifacts were recovered from STP excavation. The artifacts were dominated by lithic debitage which made up more than 88 percent of the cultural material recovered. Artifacts recovered from the STPs include 4 pieces of angular waste, 5 flakes, 1 flaked tool, and 1 piece of glass. These 10 prehistoric and one intrusive items indicate that subsurface deposits at the site are very limited in content. Table 6 indicates that STP 0N/0E was by far the most productive STP with 4, or nearly half of the total items recovered from the 53 STPs. This STP reached a depth of 30 cm before encountering decomposed granite subsoil. Cultural material was encountered throughout the 0-20 cm depth of the STP suggesting that a shallow cultural deposit was present in this area. Although the other positive STPs also indicated the presence of shallow subsurface deposits, the highest subsurface artifact density was clearly in the vicinity of STP 0N/0E.

Table 6. CA-SDI-17916 STP and Unit Results by Provenience

Artifact Type	STP 0N/0E	STP 0N/10E	STP 0N/10W	STP 0N/30W	STP 10N/0E	STP 30S/170W	STP 40S/170W	Unit 1	Unit 2	Total	Percent
Angular Waste	3	0	0	0	0	1	0	4	0	8	47.1
Flake	1	2	1	0	1	0	0	2	0	7	41.2
Flake Tool	0	0	0	1	0	0	0	0	0	1	5.9
Glass	0	0	0	0	0	0	1	0	0	1	5.9
Total Count	4	2	1	1	1	1	1	6	0	17	100.0
Percent	23.5	11.8	5.9	5.9	5.9	5.9	5.9	35.3	0.0	100.0	

Table 7 indicates that the subsurface deposit was limited to 20 cm in depth. Again, this maximum depth was present in STP 0N/0E. The average depth of the STPs overall was 30 cm. The majority of artifacts from the STPs (82%) was recovered from the 0-10 cm level with a drastic fall-off below this point. Because the STPs indicated that there was a subsurface component, two additional test units were excavated to better evaluate the integrity and content of the subsurface deposit.

Table 7. CA-SDI-17916 STP Results by Depth

Artifact	0-10 cm	10-20 cm	Total	Percent
Angular Waste	3	1	4	36.4
Flake	4	1	5	45.5
Flake Tool	1	0	1	9.1
Glass	1	0	1	9.1
Total Count	9	2	11	100.0
Percent	81.8	18.2	100.0	

Based on the horizontally separate nature of the two areas of subsurface deposits, two test units were excavated to determine the integrity and content of the deposits. However only one (Unit 1) produced any cultural material while Unit 2 was completely sterile. Unit 1 was located just north of STP 0N/10W while Unit 2 was located just south of STP 30S/170W at the western end of the site (See Figure 6).

Table 8 indicates that the artifact recovery from Unit 1 was very limited with a total of 6 artifacts recovered. The majority (83%) of artifacts were located in the 0-10 cm level; the remaining artifacts were located in the 10-20 cm level. No cultural material was recovered from the 20-30 cm level. Consistent with the other testing, all of the cultural material recovered was debitage. Artifacts recovered from Unit 1 include 4 pieces of angular waste and 2 flakes. Unit 2 was excavated to a depth of 20 cm with no artifacts recovered.

Table 8. CA-SDI-17916 Unit 1 Summary by Depth

Artifact	0-10 cm	10-20 cm	Total	Percent
Angular Waste	4	0	4	66.7
Flake	1	1	2	33.3
Total Count	5	1	6	100.0
Percent	83.3	16.7	100.0	

Artifact Analysis

Bifacial Tools

A total of two projectile point fragments and two biface fragments were recovered during the testing program of site CA-SDI-17916 (Table 9). All of the bifacial tools were recovered during the site surface collection. All of these items were located in moderate to heavy artifact concentrations northeast of Unit 1 near the eastern side of the site.

One of the projectile point fragments (SDI-17916-557) is made from obsidian (Figure 10). Sourcing is ongoing, but the quartz crystal inclusions and the color and nature of the ground mass suggest that the obsidian is from the Obsidian Butte source in Imperial Valley more than 110 kilometers northeast of the project area. The projectile point appears to be Desert Side Notched in style characteristic of the final stages of the Late Prehistoric Period. The artifact appears finished and was probably broken in half at the weak narrow point where the notches are most indented. One face of the point represents a relatively unmodified flake surface with minor retouching, while the other side of the point shows careful pressure reduction from both edges of the blade to the axis of the tool (See Figure 10).

Table 9. CA-SDI-17916 Bifacial Tool Attributes

Cat#	Location	Level	Type	Material	Length (cm)	Width (cm)	Thickness (cm)	Weight (g)
SDI-17916-23	Shot #21	Surface	Biface	Santiago Peak Volcanic	3.1	2.3	0.8	7.9
SDI-17916-47	Shot #45	Surface	Projectile Point	Clear Quartz	2.7	1.5	0.8	3.2
SDI-17916-160	Shot #137	Surface	Biface	MQ	1.8	1.1	0.9	1.5
SDI-17916-557	Shot #446	Surface	Projectile Point	Obsidian	1.9	1.2	3	0.5

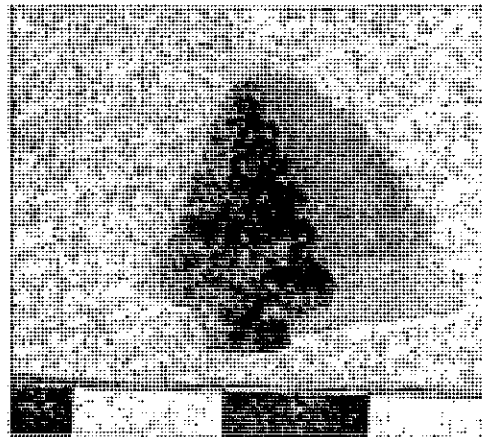


Figure 10. Projectile Point (SDI-17916-557)

The second projectile point recovered from the surface is made from clear quartz (SDI-17916-47). This artifact is a tip fragment and was recovered at the far northeastern corner of the site. It may represent either a biface or dart point tip based on size and thickness (Figure 11). Although fairly thick for a dart point fragment, it appears to be a fragment from a finished tool, based on flaking pattern.

Two biface fragments were also recovered from the surface of the site. Artifact SDI-17916-23 is made from Santiago Peak Volcanic material. It appears to be a base of a leaf-shaped biface with a rounded base (See Figure 11). The artifact appears to have broken in the final stages of manufacture, but limited finer edge reduction on one face and the still somewhat undulatory edge margin suggests that it was not completed. The general form of this artifact is similar to San Dieguito period bifaces, although this incomplete artifact is far from diagnostic, it suggests an Early Period occupation at the site.

The final bifacial tool is made from milky quartz (SDI-17916-160). Only a small tip of the biface SDI-17916-160 was recovered. It is an incomplete tool broken during early stages of manufacture. It is not diagnostic as to age or final form.

Flaked Lithic Tools

In addition to the four bifacial tools, 54 other flaked lithic tools were recovered during the testing program at CA-SDI-17916 (Table 10). They are largely informal tools consisting of 41 retouched flakes, 9 utilized flakes, and 4 flake scrapers. All but one of these tools were recovered in the surface collection. The single tool found in STP 0N/30W is a Santiago Peak Volcanic retouched interior flake, recovered in the 0-10 cm level.



CA-SDI-17916-47
Projectile Point Tip

CA-SDI-17916-23
Biface

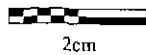


Figure 11
CA-SDI-17916 Bifacial Tools



Laguna Mountain Environmental, Inc.

Table 10. CA-SDI-17916 Flaked Lithic Tool Attributes

Cat#	Location	Level	Type	Material	Length (cm)	Width (cm)	Thickness (cm)	Weight (g)
SDI-17916-30	Shot #28	Surface	Utilized Flake	Santiago Peak Volcanic	3.4	2.7	0.7	5.9
SDI-17916-31	Shot #29	Surface	Retouched Flake	Santiago Peak Volcanic	3.9	3.6	1.7	25.3
SDI-17916-35	Shot #33	Surface	Retouched Flake	Santiago Peak Volcanic	3.1	1.5	0.6	4.7
SDI-17916-61	Shot #55	Surface	Retouched Flake	Milky Quartz	2.3	1.9	0.9	2.7
SDI-17916-62	Shot #56	Surface	Retouched Flake	Santiago Peak Volcanic	2.7	2.1	1.1	7.4
SDI-17916-83	Shot #74	Surface	Retouched Flake	Santiago Peak Volcanic	3.5	2.1	0.6	6.1
SDI-17916-86	Shot #77	Surface	Retouched Flake	Santiago Peak Volcanic	5	3.2	0.9	16.6
SDI-17916-93	Shot #83	Surface	Retouched Flake	Santiago Peak Volcanic	6.1	5.3	2.2	65.6
SDI-17916-114	Shot #100	Surface	Flake Scraper	Santiago Peak Volcanic	3.5	3.4	1.6	14.5
SDI-17916-124	Shot #108	Surface	Utilized Flake	Santiago Peak Volcanic	3.9	1.5	0.8	5.2
SDI-17916-126	Shot #110	Surface	Retouched Flake	Santiago Peak Volcanic	3.6	1.6	1.2	7.6
SDI-17916-132	Shot #116	Surface	Flake Scraper	Santiago Peak Volcanic	3.4	2.6	1.8	16.3
SDI-17916-134	Shot #118	Surface	Retouched Flake	Santiago Peak Volcanic	3.5	2.3	1.4	17.5
SDI-17916-141	Shot #125	Surface	Retouched Flake	Santiago Peak Volcanic	2.9	2.1	1.1	9.0
SDI-17916-142	Shot #126	Surface	Retouched Flake	Santiago Peak Volcanic	6.7	5.9	2.5	81.4
SDI-17916-146	Shot #128	Surface	Retouched Flake	Santiago Peak Volcanic	4.5	2.7	0.8	11.4
SDI-17916-147	Shot #128	Surface	Retouched Flake	Santiago Peak Volcanic	4.9	3	1.3	14.1
SDI-17916-151	Shot #131	Surface	Retouched Flake	Santiago Peak Volcanic	2.9	0.8	0.7	1.6
SDI-17916-164	Shot #139	Surface	Utilized Flake	Santiago Peak Volcanic	4.1	3.5	1.3	15.4

Table 10. CA-SDI-17916 Flaked Lithic Tool Attributes (Continued)

Cat#	Location	Level	Type	Material	Length (cm)	Width (cm)	Thickness (cm)	Weight (g)
SDI-17916-169	Shot #143	Surface	Retouched Flake	Santiago Peak Volcanic	3.5	2.8	0.7	9.3
SDI-17916-189	Shot #159	Surface	Retouched Flake	Santiago Peak Volcanic	4.6	3.7	2.3	46.6
SDI-17916-221	Shot #185	Surface	Retouched Flake	Santiago Peak Volcanic	3.4	3.1	1.3	15.6
SDI-17916-252	Shot #200	Surface	Retouched Flake	Santiago Peak Volcanic	4.8	3.5	2.2	41.0
SDI-17916-263	Shot #205	Surface	Retouched Flake	Santiago Peak Volcanic	4.5	3.8	4.5	26.7
SDI-17916-264	Shot #206	Surface	Retouched Flake	Santiago Peak Volcanic	4.5	3.8	4.5	27.4
SDI-17916-271	Shot #210	Surface	Retouched Flake	Santiago Peak Volcanic	3.5	2.1	0.7	7.0
SDI-17916-295	Shot #224	Surface	Retouched Flake	Santiago Peak Volcanic	4.2	3.7	1.2	19.0
SDI-17916-311	Shot #234	Surface	Retouched Flake	Santiago Peak Volcanic	2.8	1.3	1	3.7
SDI-17916-318	Shot #238	Surface	Retouched Flake	Santiago Peak Volcanic	2.7	2	0.7	4.2
SDI-17916-365	Shot #271	Surface	Retouched Flake	Santiago Peak Volcanic	6	4.2	2	67.8
SDI-17916-366	Shot #272	Surface	Utilized Flake	Santiago Peak Volcanic	3.4	3.2	1.3	13.6
SDI-17916-370	Shot #274	Surface	Retouched Flake	Santiago Peak Volcanic	4	2.9	1.2	19.8
SDI-17916-375	Shot #279	Surface	Retouched Flake	Santiago Peak Volcanic	3.2	2.5	1.4	16.6
SDI-17916-376	Shot #280	Surface	Retouched Flake	Santiago Peak Volcanic	2.3	2.1	0.4	2.8
SDI-17916-382	Shot #284	Surface	Retouched Flake	Santiago Peak Volcanic	2.2	1.2	1	3.2
SDI-17916-383	Shot #285	Surface	Retouched Flake	Santiago Peak Volcanic	3.1	2	0.6	5.2
SDI-17916-400	Shot #296	Surface	Retouched Flake	Santiago Peak Volcanic	3.1	2.3	0.7	5.6

Table 10. CA-SDI-17916 Flaked Lithic Tool Attributes (Continued)

Cat#	Location	Level	Type	Material	Length (cm)	Width (cm)	Thickness (cm)	Weight (g)
SDI-17916-413	Shot #311	Surface	Retouched Flake	Santiago Peak Volcanic	3.7	2.8	0.9	10.2
SDI-17916-414	Shot #312	Surface	Retouched Flake	Santiago Peak Volcanic	2	1.8	4.5	1.8
SDI-17916-424	Shot #321	Surface	Retouched Flake	Santiago Peak Volcanic	3.2	1.6	0.8	4.6
SDI-17916-425	Shot #322	Surface	Utilized Flake	Santiago Peak Volcanic	2.6	1.8	0.6	2.4
SDI-17916-439	Shot #334	Surface	Utilized Flake	Santiago Peak Volcanic	3.1+	5.2	5.1	65.3
SDI-17916-487	Shot #379	Surface	Flake Scraper Fragment	Santiago Peak Volcanic	2.1	0.9	0.7	1.6
SDI-17916-489	Shot #381	Surface	Retouched Flake	Santiago Peak Volcanic	3	1.7	0.8	4.8
SDI-17916-494	Shot #386	Surface	Retouched Flake	Santiago Peak Volcanic	3.4	2.5	1	7.2
SDI-17916-506	Shot #398	Surface	Utilized Flake	Santiago Peak Volcanic	4.1	3.3	1.1	15.3
SDI-17916-507	Shot #399	Surface	Retouched Flake	Santiago Peak Volcanic	3.6	3.2	1.4	11.6
SDI-17916-513	Shot #405	Surface	Retouched Flake	Santiago Peak Volcanic	2.8	1.4	0.9	3.1
SDI-17916-519	Shot #411	Surface	Utilized Flake	Santiago Peak Volcanic	4.5	3.8	1	21.0
SDI-17916-527	Shot #419	Surface	Flake Scraper	Santiago Peak Volcanic	5.3	5	2.4	66.5
SDI-17916-565	STP 0N/30W	0-10 cm	Retouched Flake	Santiago Peak Volcanic	3.1	3	0.5	5.1

The four scraping tools were both recovered from the surface (Figure 12). Artifact SDI-17916-527 is the most formalized flaked lithic tool and represents a scraper plane. It is based on a large Santiago Peak Volcanic flake whose platform and bulb of percussion has been removed during tool manufacture. A small area of cortex is present, but this artifact appears to have originated from a primary source of Santiago Peak Volcanic material. SDI-17916-527 is well patinated and shows a first stage of larger flake removals from three of four edges while finer edge reduction is only present on two edges. Areas of slight rounding and polish are present along the edge of the planar surface, indicating tool use.



CA-SDI-17916-527 Scraper



CA-SDI-17916-132 Retouched Flake/Scraper

Figure 12
CA-SDI-17916 Scraping Tools



Laguna Mountain Environmental, Inc.

The second scraping tool (SDI-17916-132) is a small, steep-angled scraper that could be termed a thumbnail scraper due to its size (Figure 12). The tool is made from patinated Santiago Peak Volcanic material without cortex. The tool is based on a flake, but the platform and bulb have been removed by retouching at a tool. Flaking includes both a larger series of initial flakes to shape the tool and a series of finer retouching flakes along three of the tool edges. Wear and polish are not evident, but the amount of retouching suggests use as a formal tool.

Another small scraping tool fragment (SDI-17916) was also recovered during surface collection. It appears to be an edge fragment of a small flake scraper. It shows fine retouching along the edge at an acute angle. The lower surface is a very flat flake remnant. The artifact is made from Santiago Peak Volcanic material and is well patinated. Another artifact (SDI-17916-151) is a small fragment of a tool that has been classified as a retouched flake. It may represent a similar edge margin of a scraping tool.

SDI-17916-14 is another flake-based scraping tool. It has been shaped during an initial flaking stage and then fine reduction is present on three edges. The artifact is made from fine-grained, green aphanitic Santiago Peak Volcanic material with light patination and one small area of original cortex. The tool shows well-patterned reduction and some edge rounding suggesting use-wear.

Retouched flakes formed the largest flaked lithic tool category with a total of 41 items. Most of these are highly informal flake-based tools with limited edge retouching to create a sharpened cutting edge. Nearly all of the retouched flakes are made from Santiago Peak Volcanic material and most are patinated.

Several of the retouched flakes show more formalized and regular edge flaking. Artifact SDI-17916-365 almost appears to be a combination tool with a flat surface like a scraper plane and an acute angle retouched edge (Figure 13). One edge of this tool is very steep and has patterned largely unifacial flake removal at nearly a 45 degree angle. The opposite edge of the tool is an acute cutting edge with patterned unifacial retouch (See Figure 13). The artifact shows differential patination with the original surfaces of the flake well-patinated and the retouched edges showing limited patination.

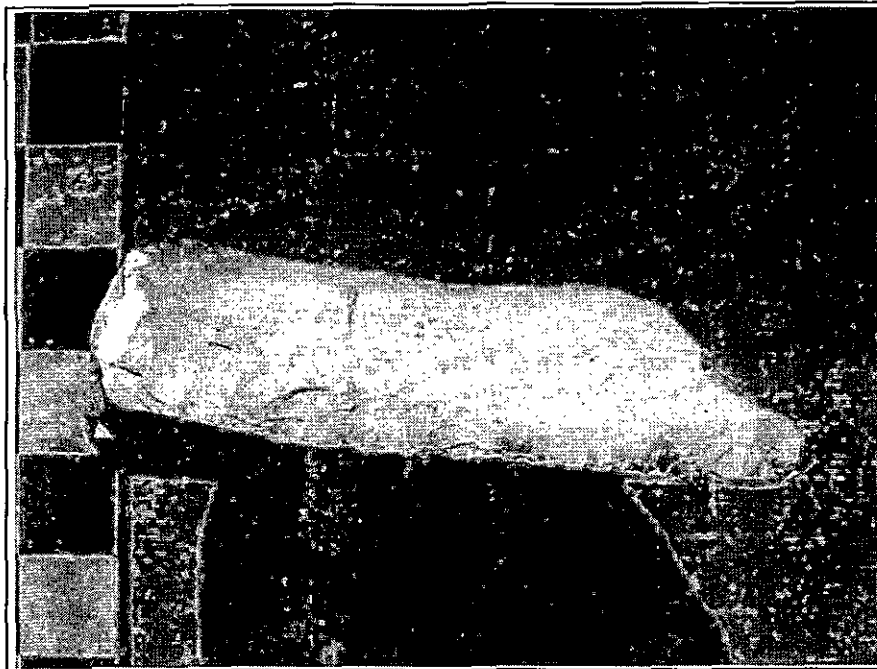
Four additional retouched flakes show well-patterned unifacial edge reduction. All were recovered during surface collection and all are patinated Santiago Peak Volcanic material. Artifact SDI-17916-169 is a thin, well-patinated aphanitic Santiago Peak Volcanic flake with fine unifacial retouching along two opposite edges (Figure 14). No clear use-rounding or polish is evident, but the amount of nibbling suggests that this tool was utilized.

Artifact SDI-17916-31 is a distal end of a larger flake with the ventral surface of the original flake, forming a platform for unifacial retouch along both edge of the flake (Figure 14). The artifact does not show formal shaping like the scraping tools, but probably served the same purpose.

SDI-17916-134 is an irregular flake fragment that has been bidirectionally modified to some degree. One edge, however, shows unidirectional fine retouch, suggesting use as a tool. The edge is at a relatively steep angle and the amount of nibbling suggests use.



CA-SDI-17916-365 Retouched Flake Tool

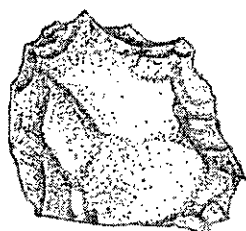


CA-SDI-17916-365 Retouched Flake Tool Edge

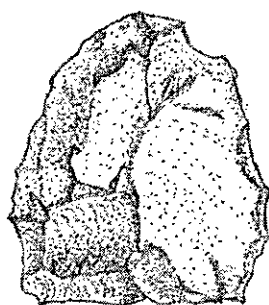
Figure 13
CA-SDI-17916 Retouched Flake Tool



Laguna Mountain Environmental, Inc.



CA-SDI-17916-169
Retouched Flake



CA-SDI-17916-31
Flake Tool

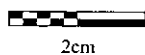


Figure 14
CA-SDI-17916 Retouched Flakes



Laguna Mountain Environmental, Inc.

Artifact SDI-17916-271 is a relatively thin flake fragment with patterned unifacial retouch along one edge. The artifact is highly patinated and shows what may be patinated cortex on the dorsal surface. The artifact edge shows nibbling and rounding indicative of moderate to heavy use.

The 7 utilized flakes are all made from Sanitago Peak Volcanic material and are all patinated. They differ from retouched flakes in that the modification is confined to nibbling and use wear or polish.

Cores

All six cores, three made from milky quartz and three from Santiago Peak Volcanic, were recovered from the surface collection. They consisted of 3 unidirectional cores, 1 multidirectional, 1 test, and 1 unifacial core. Four of the cores (SDI-17916-171, 172, 218, 310) were collected from the surface near Unit 1 in moderate to heavy surface artifact concentrations.

Artifact SDI-17916-433 is the most formal and patterned of the cores. It is made from fine-grained green aphanitic Santiago Peak Volcanic material. Flaking is unidirectional from a very steep edge at nearly 45 degrees. The flake removals are nearly all the way around the margin leaving the appearance of a very high-backed scraper plane. Edges show crushing in some areas but no fine retouch associated with a tool. The artifact shows grinding and rounding on some of the dorsal edges suggesting that it may have been used for platform preparation grinding during production of other tools.

SDI-17916-310 is largely a spalled fragment of porphyritic Santiago Peak Volcanic material. It may have one flake removal indicating use as a test core. The remaining three quartz cores are also less formal and highly irregular due to the natural cleavage planes within the rock.

Debitage

Debitage, both angular waste and flakes, represents the largest amount of cultural material recovered from CA-SDI-17916. Debitage represents just under 85% of the artifacts recovered indicating that one of the major activities at this site may have been tool production and/or finishing. Almost all (97%)debitage was recovered within the surface collection, but small amounts were present in STPs and Unit 1.

As indicated in Table 11, the majority of thedebitage was Santiago Peak Volcanic (79.8%), with milky quartz material also well represented (17.4%). Both were likely derived from locally available materials. Other material types present in this assemblage are clear quartz, obsidian, and Proctor Valley Chert.

Table 11. CA-SDI-17916 Debitage Materials and Condition

Flake Type	Clear Quartz	Milky Quartz	Santiago Peak Volcanic	Obsidian	Proctor Valley Chert	Total	Percent
Angular Waste	7	47	65	0	0	119	25.3
Interior	4	34	294	1	1	334	71.1
Primary	0	0	8	0	0	8	1.7
Secondary	0	1	8	0	0	9	1.9
Tertiary	0	2	28	0	0	30	6.4
Total	11	82	375	1	1	470	100.0
Percent	2.3	17.4	79.8	0.2	0.2	100.0	

Over 71% of thedebitage was interior flakes, and contained no cortex. Primary, secondary, and tertiary flakes were also represented, but in a relative low number. Over half of the total flakes were made up of bifacial thinning and reduction flakes, suggesting that biface production was a major activity at the site despite the low number of bifaces actually recovered during testing. The amount of bifacial core reduction is characteristic of San Dieguito period sites. Platform preparation grinding was also present suggesting a formal biface production process.

Groundstone

Eight groundstone objects were recovered at CA-SDI-17916, all from the surface collection (Table 12); three were clustered near the eastern site boundary. Half of the manos had unifacial wear, three had bifacial wear, and one was undeterminable. Most of the items (5) were made of milky quartz, with gabbro, granitic, and Eocene cobble quartzite material types also represented. All of the manos are based on natural rounded cobbles. Two manos exhibited end edge battering, and one was possibly burned. Several of the manos are shouldered and pecked indicating heavy use and retention. The presence of these groundstone items suggest seed processing activities were taking place at the site.

Table 12. CA-SDI-17916 Groundstone Tool Attributes

Cat#	Location	Level	Type	Material	Length (cm)	Width (cm)	Thickness (cm)	Weight (g)
SDI-17916-18	Shot #16	Surface	Mano	Milky Quartz	9.2	7.3	4.7	562.0
SDI-17916-19	Shot #17	Surface	Mano	Milky Quartz	10.5	8.2	5.4	670.3
SDI-17916-20	Shot #18	Surface	Mano	Granitic	10.2	7.5	5.7	676.9
SDI-17916-108	Shot #95	Surface	Mano	Gabbro	10.8	9	4	691.9
SDI-17916-235	Shot #191	Surface	Mano	Milky Quartz	7.8	4.2	4.2	191.1
SDI-17916-430	Shot #327	Surface	Mano	Milky Quartz	10.9	8.2	5.4	757.3
SDI-17916-438	Shot #333	Surface	Mano	Milky Quartz	3.1+	5.2	5.1	124.5
SDI-17916-558		Surface	Mano	Eocene Cobble Volcanic	10.7	7	4.9	575.8

Pottery

Four fragments of Tizon Brown Ware pottery were recovered during testing at CA-SDI-17916, all within the surface collection and located on the eastern half of the site. All were undecorated body sherds and two were burned, likely due to fire clouding during manufacture. The presence of Tizon Brown Ware shows use of residual clays typical of the Native American pottery produced in western San Diego County. Tizon Brown Ware was made using the paddle-and-anvil technique. Pottery is directly associated with the Late Prehistoric period and shows the use of storage and/or cooking containers at the site.

Historic Ceramics

Five pieces of historic ceramics were recovered, all within the surface collection. All items were located on the western third of the site. Earthenware, ironware, and porcelain were the represented material types, and sherds were from tableware, hardware, and crockery. One porcelain hardware fragment has the maker's mark "PP INC."

Metal

Five metal items were recovered, all within the surface collection. They included two base fragments from cans, one of which is a church key type; two pieces of hardware, including a horseshoe; and one unknown item.

Glass

Nine pieces of glass were recovered, eight of which were in the surface collection. One, an unknown piece of clear glass, was recovered in STP 40S/170W at the 0-10 cm level. Three glass pieces were base fragments from bottles, all the remaining were unknown. One amber bottle fragment contains the maker's mark "MG."

Discussion

Site CA-SDI-17916 appears to represent a multicomponent site with an Early Period San Dieguito or Archaic component, in addition to a minor Late prehistoric component focused on the eastern end of the site and a minor historic component focused on the southwestern end of the site. The site appears to be in a non-depositional environment and has been deflated and eroded through disking and post-fire aeolian and sheetwash erosion. The site is essentially a surface deposit with a minimal subsurface component.

CA-SDI-17916 is dominated by the Early Period assemblage. The lithic technology in this assemblage and the single biface suggest that the site may represent a San Dieguito assemblage. The amount of groundstone supports an Archaic Period occupation. The Late Prehistoric component appears to be horizontally distinct and limited to the eastern margin of the site. It is marked by the presence of a Desert Side Notched projectile point fragment and Tizon Brown Ware ceramics. The

historic component is focused on the southwestern portion of the site and appears to represent sparse surface material scattered from P-37-027498 to the southwest.

The site overall has moderate horizontal integrity, but very little in the way of subsurface deposits. Surface collection has resulted in the recovery of most of the material from the site. The assemblage from CA-SDI-17916 contains important information on lithic technology, but dating of specific components is not possible due to limited diagnostic artifacts and a lack of datable material.

4.3.2 CA-SDI-17918

This site contains both a prehistoric and historic component in an area measuring 84m north/south by 104m east/west. The prehistoric component consists of four milling features on separate granitic boulders and two stacked rock enclosures on either side of a single boulder. A sparse scatter of prehistoric lithic debitage is also present on the site surface. A subsurface deposit is also present based on the testing program. The site is located on a small, low knoll with sparse coastal sage scrub vegetation. Ground visibility ranged between 30-60%.

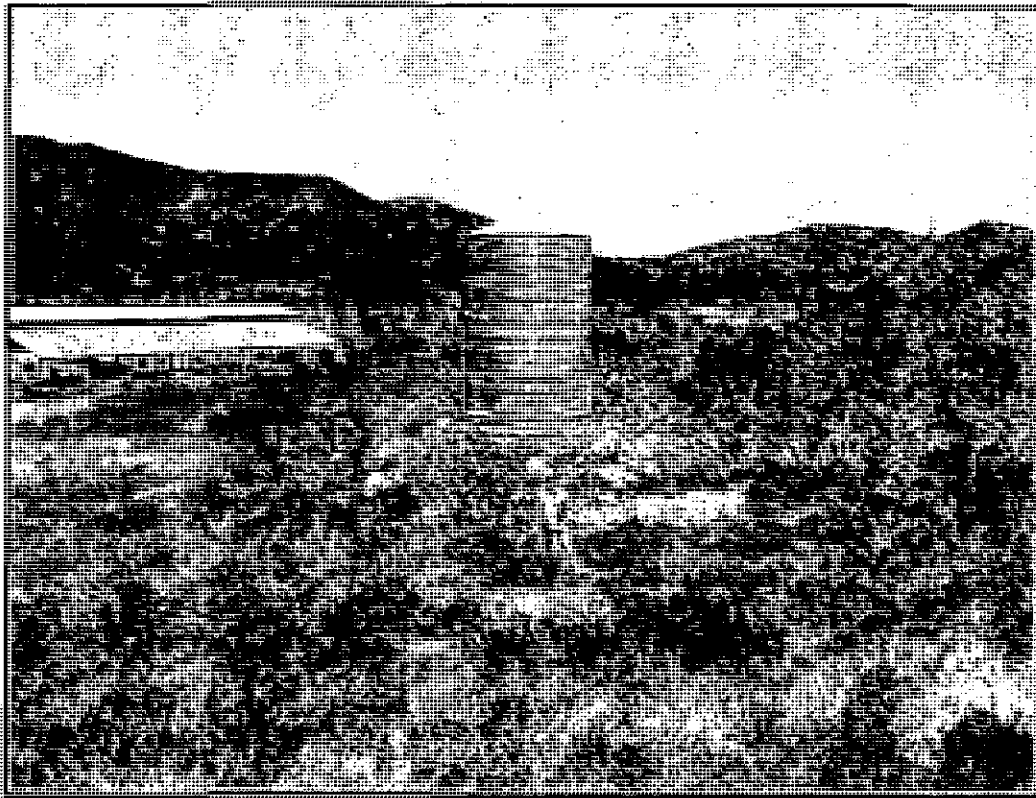
The historic component consists of a historic refuse scatter that is likely associated with the historic activity at site P-37-027498 and P-37-027500 to the north and west. Figure 15 shows the close relationship between CA-SDI-17918 and the water tank at P-37-027500. The historic component consists of a large scatter of historic debris including glass, chinaware, metal cans, and other household items. The overall site integrity site is fair.

Testing at the site included surface collection, recordation of bedrock milling and surface features, STP excavation to establish site boundaries and determine if a subsurface component is present, and the excavation of two test units to assess both the prehistoric and historic subsurface components of the site.

Structure and Soils

CA-SDI-17918 represents a temporary camp with associated bedrock milling along with a historic refuse scatter (Figure 16). This site is located on the western end of a ridge south of CA-SDI-17916 (See Figure 4). A series of large granitic boulder outcrops are present throughout the site and these boulders enclose a small area where most of the cultural activity appears to have been focused. This site is closer to a seasonal drainage than CA-SDI-17916. The presence of suitable bedrock boulders may account for the presence of the milling features. The site, apart from the boulders, appears to have been brushed as part of fire clearing associated with a water tank and/or septic system, related to an existing structure that is present to the northwest of the site. As indicated in Figure 15, the area still contains native vegetation. The integrity of the site overall appears to have been only slightly disturbed.

As indicated on Figure 17, the prehistoric artifacts at the site are much more tightly clustered near the level area of the ridge. The historic artifact scatter is more focused on the southern and western slopes of the ridge.



CA-SDI-17918 Overview Looking Northwest with P-37-0127500 in background



CA-SDI-17918 Rock Feature E

Figure 15
CA-SDI-17918 Overview Photographs

Laguna Mountain Environmental, Inc.



Figure 16
CA-SDI-17918 Site Overview Map
(Confidential Figure located in Appendix G)

Figure 17
CA-SDI-17918 Distribution of Surface Artifacts
(Confidential Figure located in Appendix G)

Site CA-SDI-17918 contains 6 surface features. Four of these features are bedrock milling stations and two are stacked rock wall features associated with a boulder. Milling Feature A is located near the main part of the prehistoric component of the site and is in the northern part of a much larger bedrock outcrop (Table 13). The feature is located in a cluster of granitic boulders and includes a single milling slick (Figure 18). The slick is limited to high points and part of the milling may have been lost to exfoliation.

Feature B is located lower on the slope on a relatively large, low and flat boulder (Figure 19). The boulder provided a good surface for milling and two slicks are present. Slick 2 was well-used and reflects some of the heaviest grinding activity at the site. Slick 1 is also relatively well-used.

Milling Feature C is on a somewhat isolated boulder on the eastern edge of the large boulder outcrop (Figure 20). The boulder has a natural fracture plane with a relatively smooth surface. On that natural surface are several high points polished by grinding. These represent a small limited-use milling surface on the rock.

Feature D is located on the eastern edge of the site on a larger boulder outcrop with a relatively flat surface (Figure 21). It contains a single bedrock milling slick on a naturally smooth surface. Again only the high points are ground and can be distinguished from the natural smooth surface. The overall milling at the site indicates low intensity use of the site for seed processing. Bedrock milling is often associated with Late Prehistoric activity in the local area.

Features E and F are located in the southwestern part of the site around a large granitic boulder. These features appear to represent stacked rock enclosures with the boulder forming one wall (Figure 22). Feature E is located on the eastern side of the boulder and is the more distinct of the features. It measures approximately 150 cm north/south by 90 cm east/west. The feature consists of a single to double course wall without an opening. No surface artifacts or other indications of cultural use were present and soils appeared to be very shallow.

Feature F is located on the western side of the boulder. It consists of a less formal rock alignment that partially encloses an overhanging area of the boulder. Again, no surface artifacts were present. It is unclear if these features relate to the prehistoric or historic components of the site. Most of the rocks are fairly well embedded and the lack of specifically associated historic items would tend to support these features as components of the prehistoric element of the site.

Table 13. Summary of CA-SDI-17918 Bedrock Milling

Feature	Slick	Total Elements	Comments
A	1	1	Exfoliated surface
B	2	2	Well-used
C	1	1	Moderate to limited use of elements.
D	1	1	Partially exfoliated.
Total	5	5	

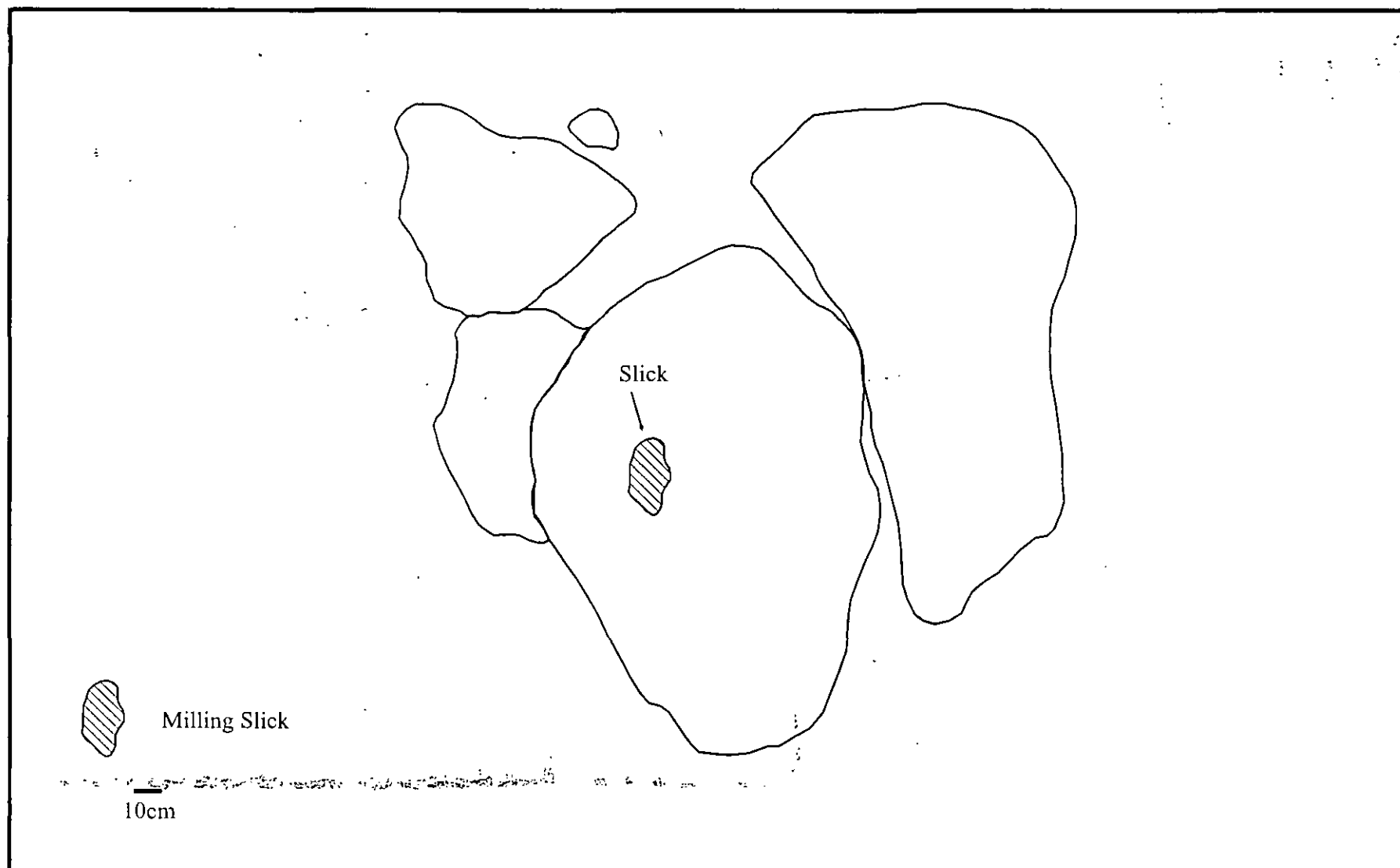


Figure 18
CA-SDI-17916
Milling Feature A



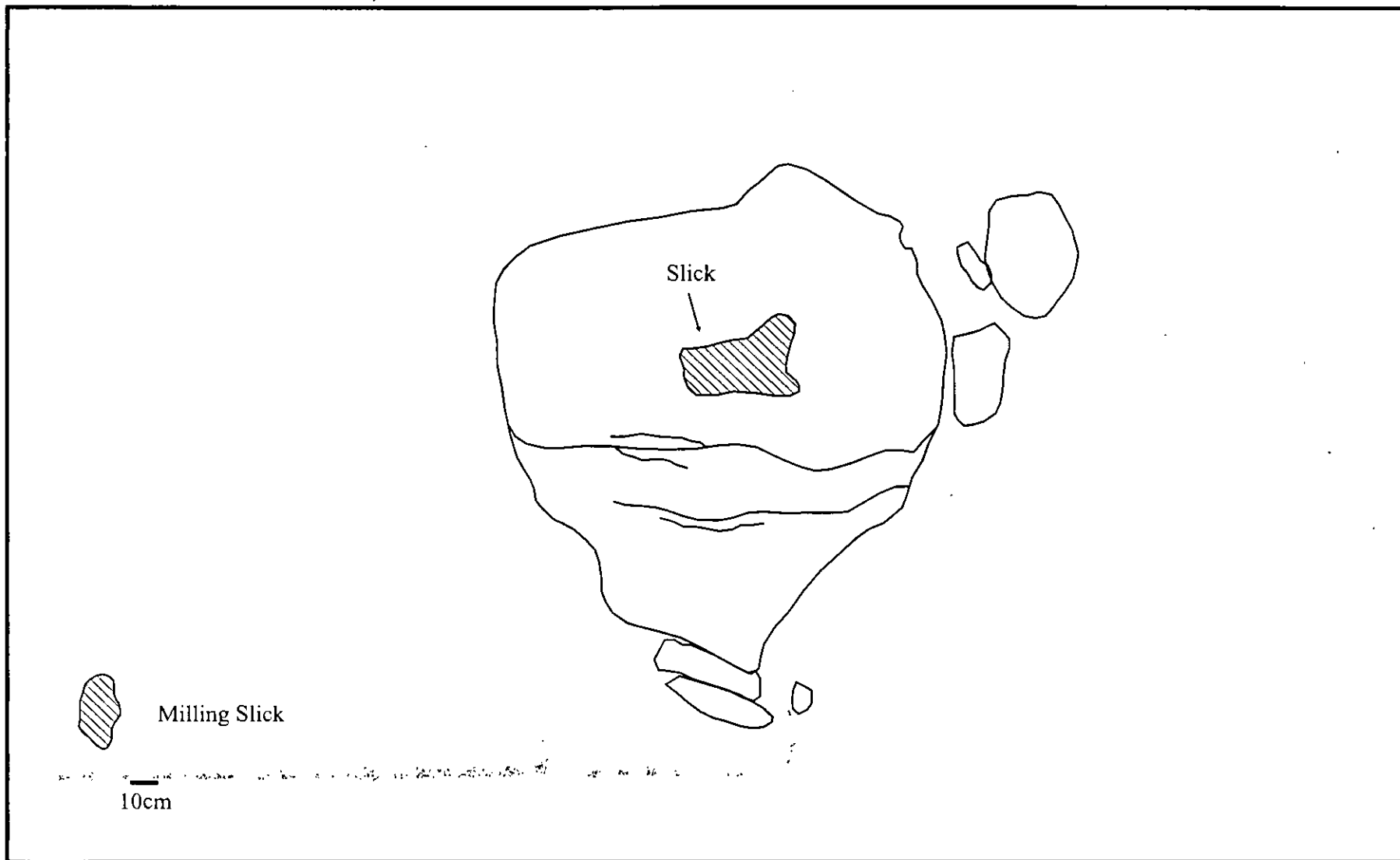


Figure 19
CA-SDI-17918
Milling Feature B



Laguna Mountain Environmental, Inc.

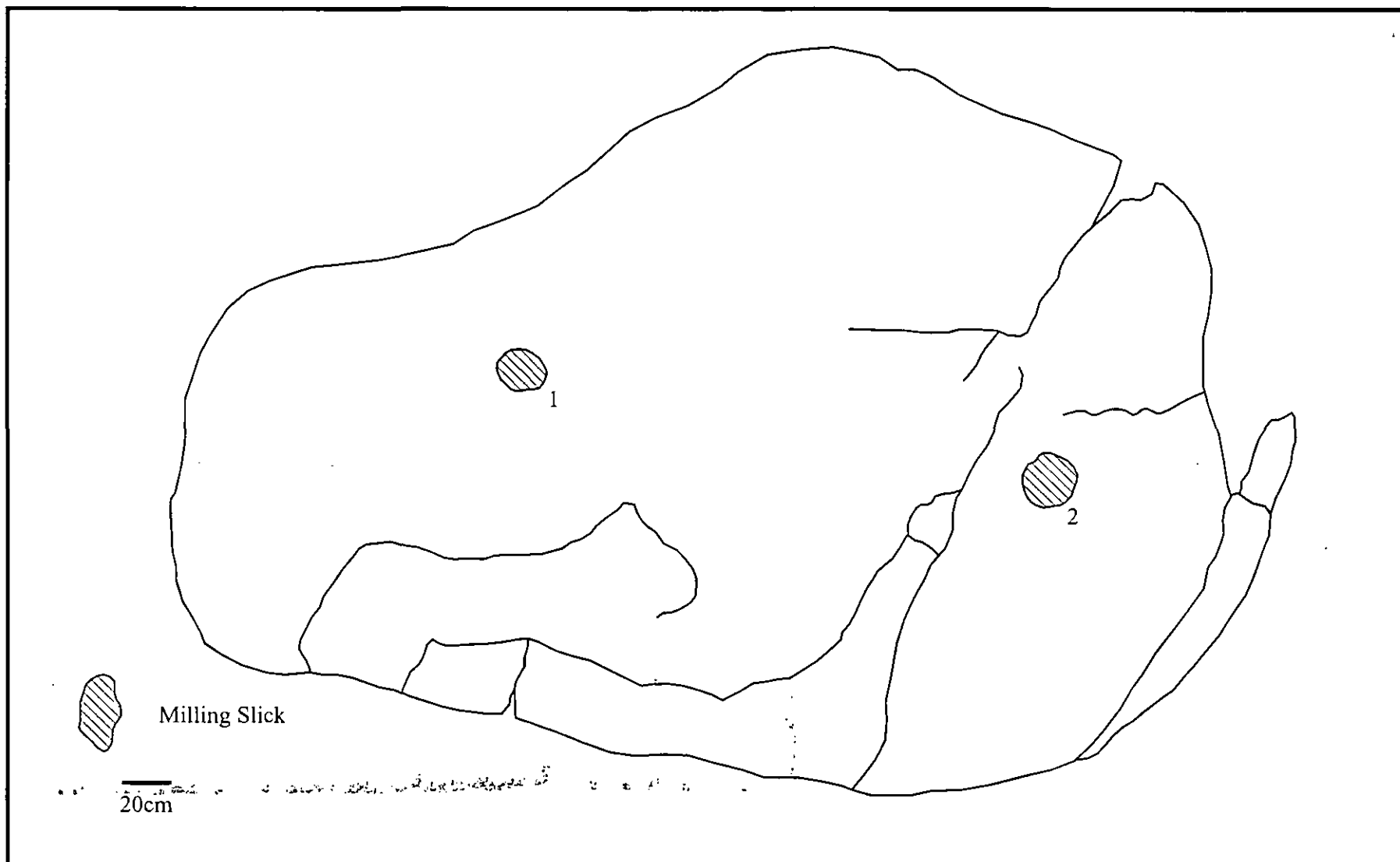


Figure 20
CA-SDI-17918
Milling Feature C



Laguna Mountain Environmental, Inc.

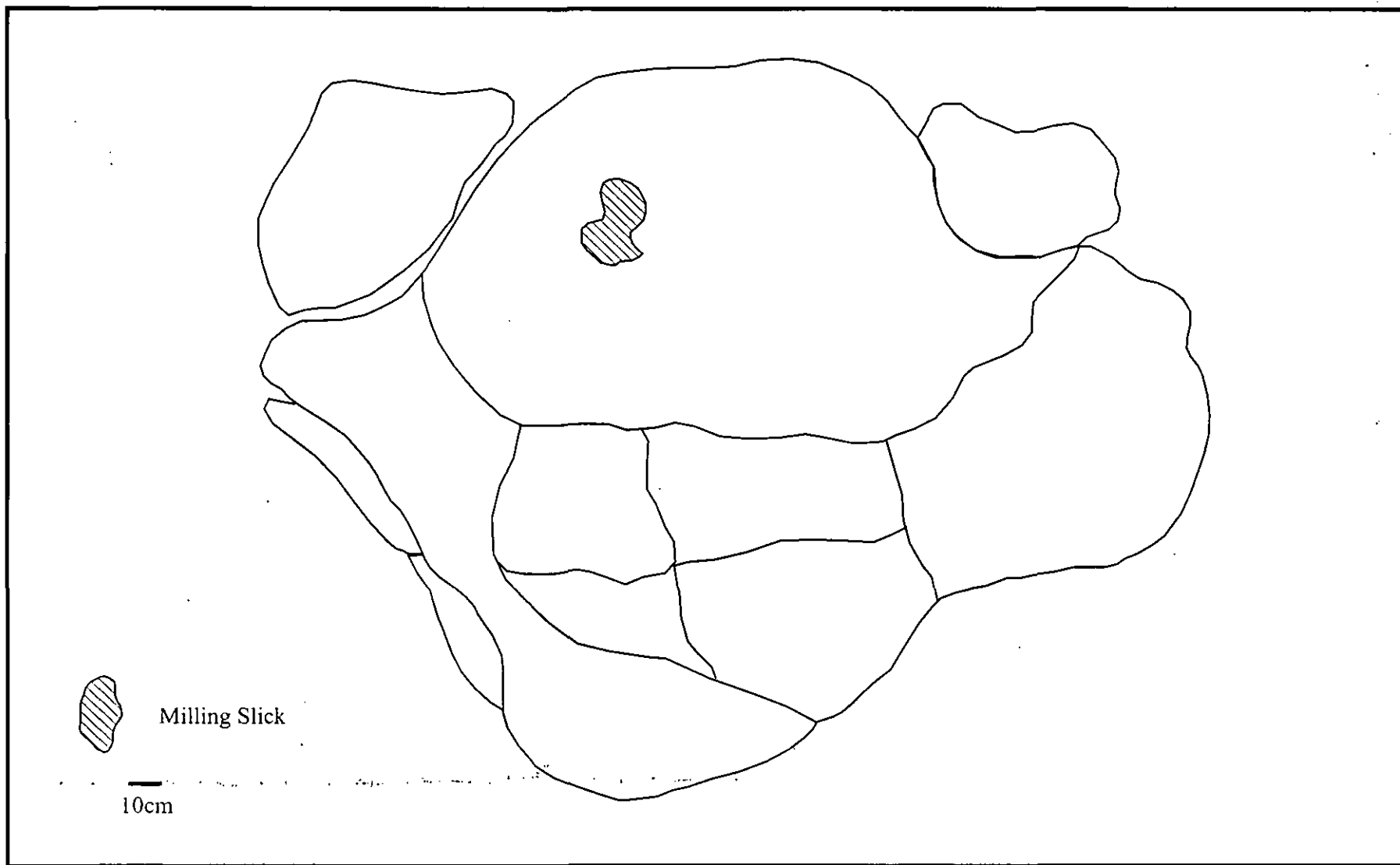


Figure 21
CA-SDI-17918
Milling Feature D



Laguna Mountain Environmental, Inc.

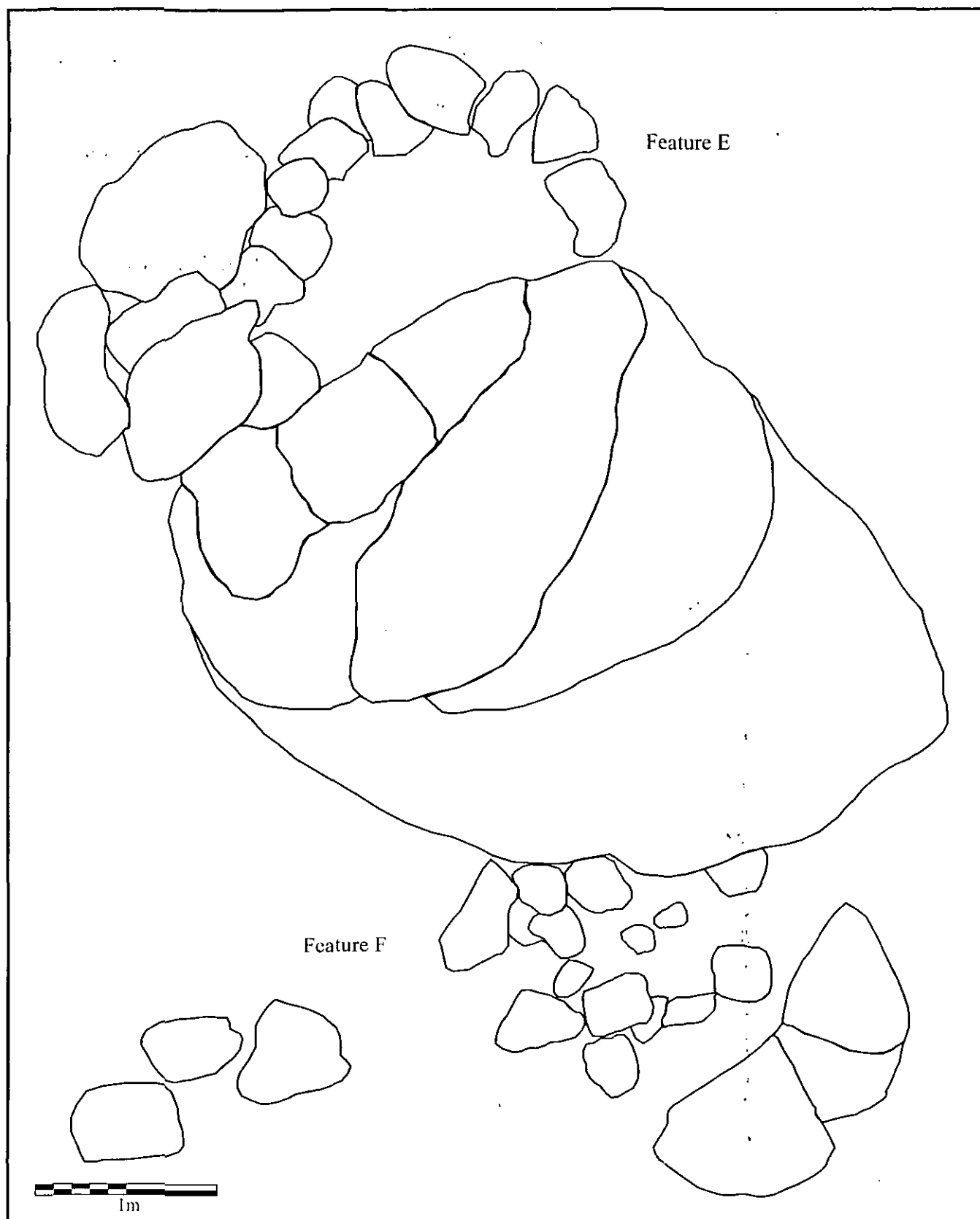


Figure 22
CA-SDI-17918
Features E and F



Laguna Mountain Environmental, Inc.

Soils at this site are deeper and more intact than at CA-SDI-17916. Most of the STPs were about 30 cm in depth and terminated when decomposed granite or bedrock was encountered. Soils in the STPs were generally dark brown sandy loam grading into a reddish decomposed granite. The upper soil horizon was darker in color in the middle of the site, possibly reflecting evidence of a midden deposit.

As indicated in the Unit 1 profile shown in Figure 23, soils depth reached a maximum of 110 cm below ground surface. The upper 5 cm of the soil horizon was very dark grayish brown silty loam (10YR 3/2) that was poorly sorted. This contains a relatively high amount of organic material and represents the native "A" horizon topsoil. It may also be augmented by culturally organic material. Below this stratum to between 5 and 60 cm was what appears to represent the "B" soil horizon. This soil is a very dark brown sandy loam (10YR 2/2). It is relatively homogenous, but some minor traces of krotovina were observed.

Below this stratum was an irregular surface of decomposing granite and granitic rock that ranged in depth between approximately 60 and 110 cm. This stratum was more shallow on the western side of the unit. It consists of yellowish brown (10YR 5/4) decomposed granite that was very compact. This appears to represent weathering bedrock and is essentially sterile with the exception of rodent intrusion.

Unit 2 is located further west and closer to the surface exposure of the bedrock outcrop. Soils were similar to Unit 1 although the soil and unit depth were much more shallow, ending at 50 cm (Figure 24). The upper 3 to 4 cm of the unit contained the same thin layer of "A" horizon topsoil with increased organic content. The "B" horizon soil was also similar, consisting of dark brown sandy loam with minor indications of bioturbation. This soil extended from approximately 4 cm to approximately 44 cm below the surface. Unlike Unit 1 where this was underlain by largely decomposed granite, a combination of large unweathered granitic rocks and decomposed granite represent the subsoil horizon. Yellowish brown (10YR 5/4) decomposed granite was present between and below the rocks. Overall, Unit 2 showed a consistent soil sequence at the site, although it was more shallow than Unit 1 due to its proximity to the bedrock outcrop.

Overall, soils within the part of the site near Unit 1 appear to have substantial depth. This portion of the site may represent an accumulation area created by the rock outcrops within a generally non-depositional environment. Other than some surface disturbance related to brushing, soils appear to represent natural soil development and not cultural stratigraphy. Increased organics in the main area of the site may reflect some midden development.

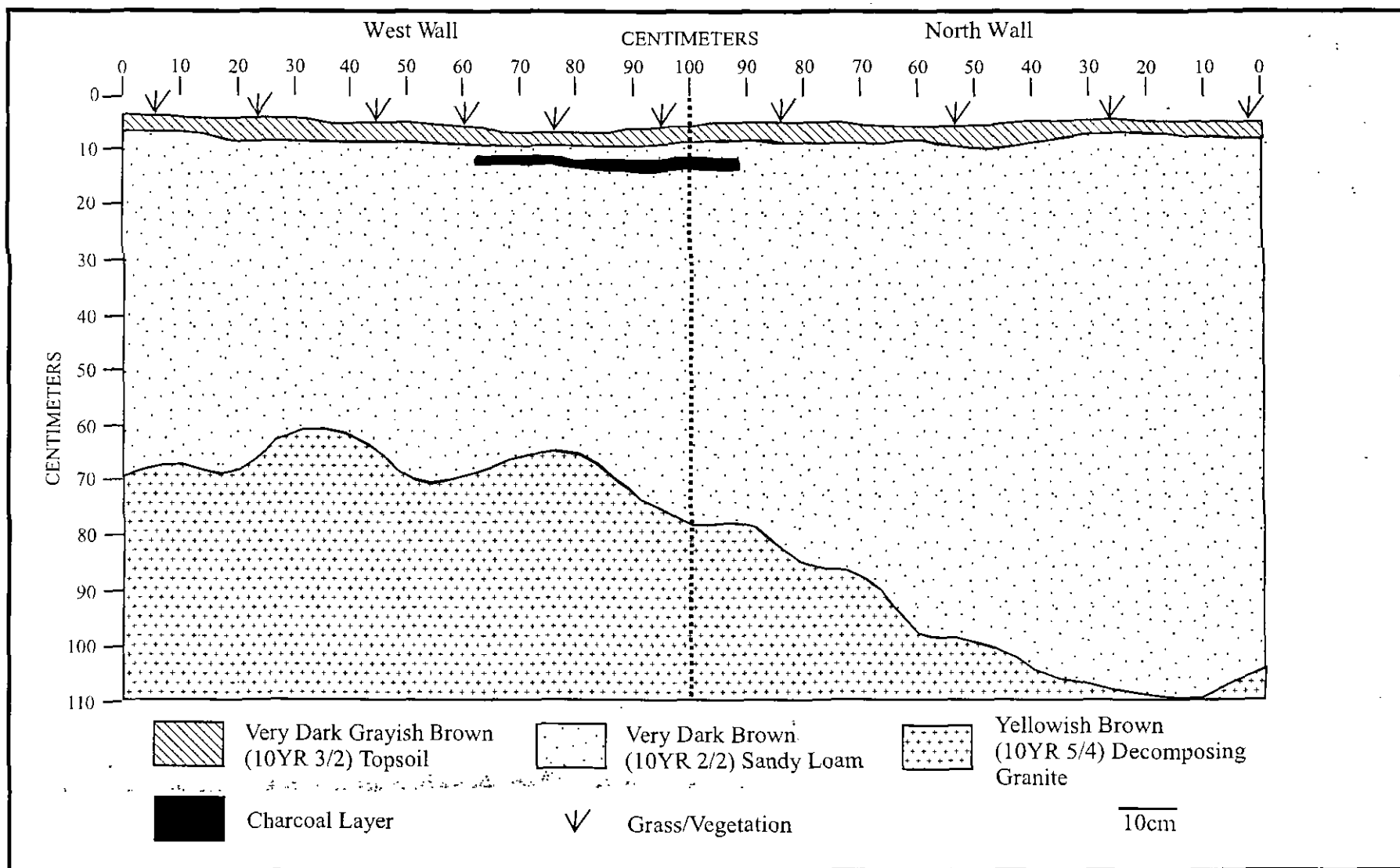


Figure 23
CA-SDI-17918 Unit 1
West and North Wall Profile



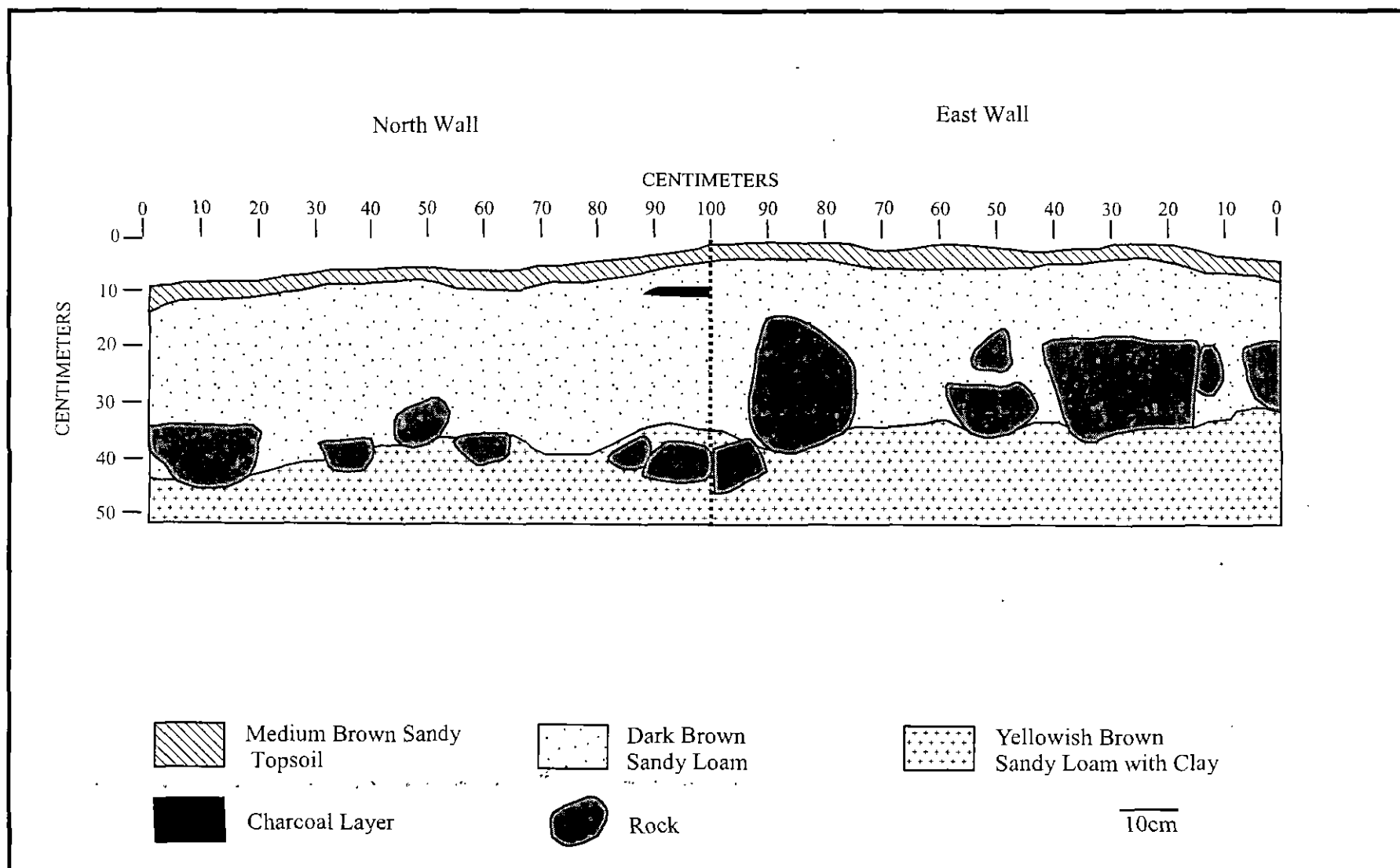


Figure 24
CA-SDI-17918 Unit 2
North and East Wall Profile



Testing Results

Testing at Site CA-SDI-17918 included recordation of the bedrock milling, mapping and surface collection, and the excavation of 20 STPs and 2 test unit (See Figure 16). Additional and more intensive survey during the testing phase identified a total of 4 bedrock milling features (See Table 13).

Testing of CA-SDI-17918 also included artifact surface collection. The surface collection results are provided in Table 14. A total of 238 surface collection points were mapped, resulting in the recovery of 84 prehistoric artifacts. As indicated in the initial discussion of structure, the vast majority of prehistoric surface artifacts were concentrated in the middle of the site area (See Figure 17) surrounded by larger boulder outcrops. The historic artifacts, although more widely scattered than the prehistoric, were concentrated in the west side of the site (See Figure 14). These separate artifact concentrations help distinguish temporally separate activity areas within the site.

As indicated in Table 15, the artifacts recovered during the surface collection consisted of both prehistoric and historic items. The prehistoric items included 56 flakes, 20 pieces of angular waste, 2 cores, 1 mano, 1 small piece of shell, and 3 flaked lithic tools. Debitage and flakes made up the majority, approximately 94 percent of the prehistoric items recovered during the surface collection. No prehistoric pottery was recovered from the surface, although two hammerstones were present. Small amounts of animal bone and fire-affected rock collected from Unit 1 indicated that food cooking and preparation may have occurred at this site, indicating use as a temporary camp. Based on the features and surface artifact distribution, CA-SDI-17918 measures approximately 84 meters north/south by 104 meters east/west.

Table 15 indicates a total of 837 artifacts were recovered during the testing program at CA-SDI-17918. Approximately 80 percent of this material was recovered from the surface collection, while the units and STP testing resulted in the recovery of approximately 20 percent of material. The distribution of prehistoric artifacts indicate that cultural material is moderately concentrated within a single portion of the site, located on the top of the knoll. The distribution of historic artifacts is concentrated on the west side of the site.

Overall, testing results were dominated by the recovery of historic material which made up approximately 70 percent of the total assemblage. The remaining 30 percent of the material was prehistoric artifacts, of which, debitage and flakes were dominant.

Table 14. CA-SDI-17918 Surface Collection Results

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Artifact Type
SDI-17918-1	1	Angular Waste	SDI-17918-40	27	Glass
SDI-17918-2	2	Flake	SDI-17918-41	28	Glass
SDI-17918-3	2	Metal	SDI-17918-42	29	Glass
SDI-17918-4	3	Flake	SDI-17918-43	30	Glass
SDI-17918-5	4	Flake	SDI-17918-44	30	Ceramic
SDI-17918-6	5	Flake	SDI-17918-45	31	Ceramic
SDI-17918-7	6	Flake	SDI-17918-46	31	Glass
SDI-17918-8	7	Glass	SDI-17918-47	32	Ceramic
SDI-17918-9	7	Angular Waste	SDI-17918-48	33	Intrusive
SDI-17918-10	8	Flake	SDI-17918-49	34	Ceramic
SDI-17918-11	9	Flake	SDI-17918-50	35	Glass
SDI-17918-12	10	Ceramic	SDI-17918-51	36	Glass
SDI-17918-13	11	Flake	SDI-17918-52	37	Glass
SDI-17918-14	12	Angular Waste	SDI-17918-53	38	Metal
SDI-17918-15	13	Angular Waste	SDI-17918-54	38	Metal
SDI-17918-16	14	Ceramic	SDI-17918-55	39	Metal
SDI-17918-17	15	Metal	SDI-17918-56	39	Angular Waste
SDI-17918-18	16	Munitions	SDI-17918-57	40	Glass
SDI-17918-19	16	Ceramic	SDI-17918-58	40	Angular Waste
SDI-17918-20	16	Glass	SDI-17918-59	40	Rubber
SDI-17918-21	17	Glass	SDI-17918-60	41	Glass
SDI-17918-22	17	Glass	SDI-17918-61	41	Metal
SDI-17918-23	17	Glass	SDI-17918-62	41	Glass
SDI-17918-24	18	Glass	SDI-17918-63	42	Metal
SDI-17918-25	18	Glass	SDI-17918-64	42	Metal
SDI-17918-26	19	Glass	SDI-17918-65	42	Angular Waste
SDI-17918-27	19	Glass	SDI-17918-66	43	Metal
SDI-17918-28	20	Glass	SDI-17918-67	43	Composite Item
SDI-17918-29	20	Glass	SDI-17918-68	44	Glass
SDI-17918-30	20	Ceramic	SDI-17918-69	45	Brick
SDI-17918-31	21	Glass	SDI-17918-70	46	Composite Item
SDI-17918-32	22	Glass	SDI-17918-71	46	Glass
SDI-17918-33	23	Glass	SDI-17918-72	46	Glass
SDI-17918-34	23	Metal	SDI-17918-73	46	Metal
SDI-17918-35	24	Metal	SDI-17918-74	46	Metal
SDI-17918-36	25	Metal	SDI-17918-75	47	Plaster
SDI-17918-37	25	Glass	SDI-17918-76	47	Metal
SDI-17918-38	26	Glass	SDI-17918-77	48	Flake
SDI-17918-39	27	Ceramic	SDI-17918-78	49	Metal

Table 14. CA-SDI-17918 Surface Collection Results (Continued)

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Catalogue Number
SDI-17918-79	50	Metal	SDI-17918-118	75	Glass
SDI-17918-80	51	Metal	SDI-17918-119	76	Metal
SDI-17918-81	52	Metal	SDI-17918-120	77	Flake
SDI-17918-82	53	Metal	SDI-17918-121	78	Glass
SDI-17918-83	53	Metal	SDI-17918-122	78	Glass
SDI-17918-84	54	Glass	SDI-17918-123	78	Metal
SDI-17918-85	54	Plastic	SDI-17918-124	79	Glass
SDI-17918-86	54	Metal	SDI-17918-125	79	Ceramic
SDI-17918-87	54	Metal	SDI-17918-126	80	Metal
SDI-17918-88	55	Metal	SDI-17918-127	80	Metal
SDI-17918-89	55	Metal	SDI-17918-128	81	Ceramic
SDI-17918-90	55	Metal	SDI-17918-129	82	Glass
SDI-17918-91	56	Glass	SDI-17918-130	82	Ceramic
SDI-17918-92	56	Glass	SDI-17918-131	82	Metal
SDI-17918-93	57	Composite Item	SDI-17918-132	83	Ceramic
SDI-17918-94	58	Glass	SDI-17918-133	83	Metal
SDI-17918-95	58	Metal	SDI-17918-134	83	Metal
SDI-17918-96	58	Glass	SDI-17918-135	83	Glass
SDI-17918-97	59	Glass	SDI-17918-136	83	Glass
SDI-17918-98	59	Glass	SDI-17918-137	84	Metal
SDI-17918-99	59	Metal	SDI-17918-138	84	Glass
SDI-17918-100	59	Glass	SDI-17918-139	85	Ceramic
SDI-17918-101	60	Concrete	SDI-17918-140	86	Ceramic
SDI-17918-102	61	Metal	SDI-17918-141	86	Glass
SDI-17918-103	62	Composite Item	SDI-17918-142	86	Glass
SDI-17918-104	63	Glass	SDI-17918-143	86	Glass
SDI-17918-105	64	Composite Item	SDI-17918-144	87	Glass
SDI-17918-106	65	Glass	SDI-17918-145	88	Glass
SDI-17918-107	66	Metal	SDI-17918-146	89	Ceramic
SDI-17918-108	67	Metal	SDI-17918-147	89	Glass
SDI-17918-109	67	Metal	SDI-17918-148	89	Ceramic
SDI-17918-110	68	Ceramic	SDI-17918-149	89	Glass
SDI-17918-111	69	Glass	SDI-17918-150	90	Composite Item
SDI-17918-112	70	Glass	SDI-17918-151	90	Metal
SDI-17918-113	71	Glass	SDI-17918-152	90	Glass
SDI-17918-114	72	Glass	SDI-17918-153	90	Glass
SDI-17918-115	73	Flake	SDI-17918-154	90	Ceramic
SDI-17918-116	74	Flake	SDI-17918-155	91	Glass
SDI-17918-117	75	Metal	SDI-17918-156	91	Metal

Table 14. CA-SDI-17918 Surface Collection Results (Continued)

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Catalogue Number
SDI-17918-157	92	Glass	SDI-17918-195	109	Flake
SDI-17918-158	92	Glass	SDI-17918-196	109	Metal
SDI-17918-159	92	Ceramic	SDI-17918-197	110	Ceramic
SDI-17918-160	92	Ceramic	SDI-17918-198	110	Ceramic
SDI-17918-161	92	Glass	SDI-17918-199	111	Ceramic
SDI-17918-162	92	Ceramic	SDI-17918-200	111	Angular Waste
SDI-17918-163	93	Ceramic	SDI-17918-201	111	Glass
SDI-17918-164	93	Glass	SDI-17918-202	111	Glass
SDI-17918-165	93	Ceramic	SDI-17918-203	111	Glass
SDI-17918-166	93	Ceramic	SDI-17918-204	112	Flake
SDI-17918-167	94	Glass	SDI-17918-205	113	Glass
SDI-17918-168	94	Glass	SDI-17918-206	114	Glass
SDI-17918-169	94	Glass	SDI-17918-207	115	Glass
SDI-17918-170	94	Glass	SDI-17918-208	115	Ceramic
SDI-17918-171	95	Ceramic	SDI-17918-209	116	Ceramic
SDI-17918-172	95	Ceramic	SDI-17918-210	117	Metal
SDI-17918-173	95	Metal	SDI-17918-211	117	Ceramic
SDI-17918-174	96	Flake	SDI-17918-212	118	Metal
SDI-17918-175	96	Metal	SDI-17918-213	119	Glass
SDI-17918-176	96	Glass	SDI-17918-214	119	Metal
SDI-17918-177	97	Metal	SDI-17918-215	120	Angular Waste
SDI-17918-178	98	Metal	SDI-17918-216	121	Glass
SDI-17918-179	98	Glass	SDI-17918-217	121	Flake
SDI-17918-180	98	Ceramic	SDI-17918-218	122	Glass
SDI-17918-181	98	Glass	SDI-17918-219	123	Glass
SDI-17918-182	99	Flake	SDI-17918-220	124	Metal
SDI-17918-183	100	Glass	SDI-17918-221	125	Angular Waste
SDI-17918-184	101	Flake	SDI-17918-222	125	Ceramic
SDI-17918-185	101	Angular Waste	SDI-17918-223	126	Metal
SDI-17918-186	102	Flake	SDI-17918-224	127	Glass
SDI-17918-187	103	Glass	SDI-17918-225	127	Ceramic
SDI-17918-188	104	Metal	SDI-17918-226	127	Ceramic
SDI-17918-189	104	Flake	SDI-17918-227	128	Ceramic
SDI-17918-190	104	Flake	SDI-17918-228	129	Metal
SDI-17918-191	105	Flake	SDI-17918-229	130	Ceramic
SDI-17918-192	106	Flake	SDI-17918-230	131	Ceramic
SDI-17918-193	107	Flake	SDI-17918-231	131	Glass
SDI-17918-194	108	Flake	SDI-17918-232	131	Flake

Table 14. CA-SDI-17918 Surface Collection Results (Continued)

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Catalogue Number
SDI-17918-233	132	Glass	SDI-17918-271	159	Metal
SDI-17918-234	132	Glass	SDI-17918-272	159	Metal
SDI-17918-235	133	Glass	SDI-17918-273	160	Metal
SDI-17918-236	133	Metal	SDI-17918-274	160	Metal
SDI-17918-237	134	Ceramic	SDI-17918-275	161	Metal
SDI-17918-238	134	Metal	SDI-17918-276	162	Metal
SDI-17918-239	135	Ceramic	SDI-17918-277	162	Metal
SDI-17918-240	136	Metal	SDI-17918-278	162	Glass
SDI-17918-241	137	Glass	SDI-17918-279	163	Shell
SDI-17918-242	138	Flake	SDI-17918-280	164	Glass
SDI-17918-243	139	Glass	SDI-17918-281	164	Glass
SDI-17918-244	139	Ceramic	SDI-17918-282	164	Metal
SDI-17918-245	140	Glass	SDI-17918-283	164	Glass
SDI-17918-246	140	Metal	SDI-17918-284	165	Glass
SDI-17918-247	141	Glass	SDI-17918-285	165	Glass
SDI-17918-248	142	Glass	SDI-17918-286	166	Glass
SDI-17918-249	143	Flake	SDI-17918-287	166	Ceramic
SDI-17918-250	144	Ceramic	SDI-17918-288	167	Ceramic
SDI-17918-251	145	Ceramic	SDI-17918-289	168	Glass
SDI-17918-252	146	Ceramic	SDI-17918-290	168	Glass
SDI-17918-253	147	Metal	SDI-17918-291	169	Flake
SDI-17918-254	148	Glass	SDI-17918-292	170	Glass
SDI-17918-255	149	Metal	SDI-17918-293	171	Core
SDI-17918-256	150	Metal	SDI-17918-294	172	Glass
SDI-17918-257	151	Metal	SDI-17918-295	173	Mano
SDI-17918-258	152	Ceramic	SDI-17918-296	174	Bone
SDI-17918-259	153	Glass	SDI-17918-297	175	Flake
SDI-17918-260	154	Glass	SDI-17918-298	175	Glass
SDI-17918-261	155	Ceramic	SDI-17918-299	175	Glass
SDI-17918-262	155	Glass	SDI-17918-300	176	Intrusive
SDI-17918-263	156	Glass	SDI-17918-301	177	Metal
SDI-17918-264	156	Glass	SDI-17918-302	178	Angular Waste
SDI-17918-265	156	Ceramic	SDI-17918-303	179	Plastic
SDI-17918-266	156	Metal	SDI-17918-304	180	Metal
SDI-17918-267	157	Flake	SDI-17918-305	181	Glass
SDI-17918-268	158	Core	SDI-17918-306	181	Glass
SDI-17918-269	159	Metal	SDI-17918-307	182	Flake
SDI-17918-270	159	Glass	SDI-17918-308	183	Glass

Table 14. CA-SDI-17918 Surface Collection Results (Continued)

Catalogue Number	Location (Shot #)	Artifact Type	Catalogue Number	Location (Shot #)	Catalogue Number
SDI-17918-309	184	Metal	SDI-17918-348	213	Composite Item
SDI-17918-310	185	Glass	SDI-17918-349	213	Glass
SDI-17918-311	185	Glass	SDI-17918-350	214	Glass
SDI-17918-312	185	Glass	SDI-17918-351	214	Glass
SDI-17918-313	185	Glass	SDI-17918-352	215	Angular Waste
SDI-17918-314	185	Metal	SDI-17918-353	216	Metal
SDI-17918-315	185	Glass	SDI-17918-354	217	Flake
SDI-17918-316	186	Metal	SDI-17918-355	218	Intrusive
SDI-17918-317	186	Glass	SDI-17918-356	219	Glass
SDI-17918-318	186	Glass	SDI-17918-357	219	Flake Tool
SDI-17918-319	186	Glass	SDI-17918-358	220	Metal
SDI-17918-320	186	Glass	SDI-17918-359	221	Angular Waste
SDI-17918-321	187	Flake	SDI-17918-360	222	Metal
SDI-17918-322	188	Flake	SDI-17918-361	223	Glass
SDI-17918-323	189	Angular Waste	SDI-17918-362	224	Composite Item
SDI-17918-324	190	Flake	SDI-17918-363	225	Bone
SDI-17918-325	191	Flake	SDI-17918-363	225	Bone
SDI-17918-326	192	Flake	SDI-17918-364	228	Intrusive
SDI-17918-327	193	Glass	SDI-17918-365	227	Composite Item
SDI-17918-328	194	Angular Waste	SDI-17918-366	227	Ceramic
SDI-17918-329	195	Flake Tool	SDI-17918-367	228	Intrusive
SDI-17918-330	196	Flake	SDI-17918-368	229	Ceramic
SDI-17918-331	197	Flake	SDI-17918-369	229	Ceramic
SDI-17918-332	198	Angular Waste	SDI-17918-370	231	Ceramic
SDI-17918-333	199	Glass	SDI-17918-371	232	Metal
SDI-17918-334	199	Flake	SDI-17918-372	233	Metal
SDI-17918-335	200	Flake	SDI-17918-373	234	Intrusive
SDI-17918-336	201	Flake	SDI-17918-374	234	Glass
SDI-17918-337	202	Flake	SDI-17918-375	234	Composite Item
SDI-17918-338	203	Flake	SDI-17918-376	230	Ceramic
SDI-17918-339	204	Flake	SDI-17918-377	235	Ceramic
SDI-17918-340	205	Flake	SDI-17918-378	235	Ceramic
SDI-17918-341	206	Flake	SDI-17918-379	236	Ceramic
SDI-17918-342	207	Flake	SDI-17918-380	237	Angular Waste
SDI-17918-343	208	Flake Tool	SDI-17918-381	238	Flake
SDI-17918-344	209	Angular Waste	SDI-17918-382	239	Glass
SDI-17918-345	210	Flake	SDI-17918-383	240	Glass
SDI-17918-346	211	Metal	SDI-17918-384	241	Flake
SDI-17918-347	212	Flake			

Table 15. CA-SDI-17918 Cultural Material by Provenience

Artifact Type	Surface	STPs	Unit	Total	Percent
Angular Waste	20	0	16	36	24.3
Bone	2	0	0	2	1.4
Charcoal	0	0	6	6	4.1
Core	2	0	1	3	2.0
Fire-Affected Rock	0	0	8	8	5.4
Flake	56	2	30	88	59.5
Flake Tool	3	0	1	4	2.7
Shell	1	0	0	1	0.7
Total Count	84	2	62	148	100.0
Percent	56.8	1.4	41.9	100.0	
Artifact Type	Surface	STPs	Unit	Total	Percent
Brick	1	0	0	1	0.1
Ceramic	77	0	1	78	11.3
Composite Item	15	0	0	15	2.2
Concrete	1	0	0	1	0.1
Glass	332	37	5	374	54.4
Intrusive	6	0	1	7	1.0
Metal	146	57	3	206	29.9
Munitions	1	0	0	1	0.1
Plaster	1	0	0	1	0.1
Plastic	3	0	0	3	0.4
Rubber	1	0	0	1	0.1
Total Count	584	94	10	688	100.0
Percent	84.9	13.7	1.5	100.0	

STP placement was based on the surface artifact density distribution and upon additional site features. A series of 20 STPs were excavated at 10 m intervals in a north/south and east/west pattern. In a few cases STPs were not placed in exact 10 meter intervals in order to avoid surface boulders. The STPs were excavated in north/south and east/west lines along a grid established for the site (See Figure 16). Along the north/south axis, a series of 10 STPs were excavated. Along the east/west axis, 10 STPs were placed at 10m intervals and with two at the 7.5 m interval to avoid large granite outcrops. The STPs served to define the boundaries of a subsurface deposit. Although negative data was present in between, the subsurface deposits cover a roughly 10m by 40 m area (See Figure 16)

Six of the twenty STPs excavated at CA-SDI-17918 were positive, as indicated in Table 16. A total of 96 artifacts were recovered from STP excavation. The prehistoric artifacts recovered from the STPs included 2 flakes. The historic material dominated the assemblage and included 37 pieces of glass and 57 pieces of metal. Table 16 indicates that STP 30S/0E was the most productive STP, reaching a depth of 30 cm before encountering a light brown sterile subsoil. Historic material was only encountered throughout the upper 20cm of the STP, and was clearly all from one historic can.

The next most productive STP was 0N/20W, which produced a total of 31 historic artifacts, including 29 pieces of glass and 2 pieces of metal. This STP was placed in between two rocks and was clearly in an area where a small concentration of historic trash had been dumped. STP 0N/30E had 3 small pieces of metal and STP 0N/9.5W had 8 pieces of historic glass. The other two positive STPs recovered a single prehistoric flake each.

The concentration of surface artifacts for both the prehistoric and historic material generally corresponds to the positive STPs distribution (See Figure 16), although there was additional historic material on the south-facing slope where subsurface historic material was not recovered. The northeastern portion of the site has a sparse prehistoric surface artifact scatter and only has a limited subsurface deposit. Based on the STPs, the subsurface historic material appears to be concentrated in the western portion of the site.

Table 16. CA-SDI-17918 STP and Unit Results by Provenience

Artifact Type	STP 0N/20W	STP 0N/30E	STP 0N/9.5W	STP 10N/10E	STP 30S/0E	STP 40N/0E	Unit 1	Unit 2	Total	Percent
Angular Waste	0	0	0	0	0	0	16	0	16	9.5
Ceramic	0	0	0	0	0	0	0	1	1	0.6
Charcoal	0	0	0	0	0	0	6	0	6	3.6
Core	0	0	0	0	0	0	1	0	1	0.6
Fire-Affected Rock	0	0	0	0	0	0	8	0	8	4.8
Flake	0	0	0	1	0	1	30	0	32	19.0
Flake Tool	0	0	0	0	0	0	1	0	1	0.6
Glass	29	0	8	0	0	0	2	3	42	25.0
Intrusive	0	0	0	0	0	0	1	0	1	0.6
Metal	2	3	0	0	52	0	3	0	60	35.7
Total Count	31	3	8	1	52	1	68	4	168	100.0
Percent	18.5	1.8	4.8	0.6	31.0	0.6	40.5	2.4	100.0	

Table 17 indicates that subsurface cultural material was limited to the upper 20 cm of the site. The majority of artifacts were recovered from the 10-20 cm level with smaller amounts present in the 0-10 cm level. Of the material recovered from the 10-20 cm level, historic glass is the most abundant. Very little subsurface prehistoric material was recovered from the STPs. All of the prehistoric material was recovered from the 0-10 cm level. The majority of subsurface prehistoric material was recovered from STP 0N/10E while the majority of historic material was recovered from STP 0N/20W.

Table 17. CA-SDI-17918 STP Results by Depth

Artifact	0-10 cm	10-20 cm	Total	Percent
Flake	2	0	2	2.1
Glass	35	2	37	38.5
Metal	34	23	57	59.4
Total Count	71	25	96	100.0
Percent	74.0	26.0	100.0	

The concentration of surface and subsurface artifacts at this site warranted the excavation of a two test units to better evaluate the integrity and content of the subsurface deposit. Unit 1 was excavated near STP 0N/10E to assess the prehistoric subsurface deposit. This unit was excavated to a depth of 110 cm. Unit 2 was placed near ON/20W to assess the historic subsurface deposit. Unit 2 reached 50 cm before encountering bedrock. Both units were placed near the STPs with the combined highest subsurface artifact yield and the greatest soil depth.

Table 18 indicates that cultural material in Unit 1 was present throughout most of the unit with the exception of the final level. Artifacts were fairly evenly distributed by depth suggesting there was not a specific concentration of activity represented. The artifacts appear to have been relatively evenly distributed throughout the soil column through bioturbation. Unit 2 was not as productive and only contained a few historic artifacts between the depths of 10-30 cm (Table 19).

Of the two units, Unit 1 was the most productive. A total of 48 prehistoric artifacts, and 9 historic items were recovered from this unit. Prehistoric artifacts included 16 pieces of angular waste, 30 flakes, 1 core, and 1 flaked tool. Historic artifacts included 1 piece of ceramic, 3 pieces of metal, and 5 pieces of glass. Artifact counts were highest in the upper 60 cm of the deposit with a steady decline with depth from there. There was some intrusive material including, one piece of asphalt located in the 10-20 cm level and one piece of glass in the 50-60 cm level. Although there appeared to be very little bioturbation or disturbance, the presence of the glass piece indicates that the soil has limited integrity.

Unit 2 was the least productive and only contained 4 historic artifacts including 3 pieces of glass and 1 piece of ceramic, all located within the 10-30 cm levels. There did not appear to be bioturbation and a rock layer was encountered at the 20-40 cm level indicating that the soil has fair integrity.

Table 18. CA-SDI-17918 Unit 1 Results by Depth

Artifact	0-10 cm	10-20 cm	20-30 cm	30-40 cm	40-50 cm	50-60 cm	60-70 cm	70-80 cm	80-90 cm	90-100cm
Angular Waste	3	3	0	3	2	4	1	0	0	0
Ceramic	0	0	0	0	0	0	0	0	0	0
Core	0	0	0	0	0	0	1	0	0	0
Flake	2	2	3	4	2	6	2	3	1	1
Flake Tool	0	0	0	0	0	0	0	0	1	0
Glass	1	0	0	0	0	1	0	0	0	0
Intrusive	0	1	0	0	0	0	0	0	0	0
Metal	1	2	0	0	0	0	0	0	0	0
Total Count	7	8	3	7	4	11	4	3	2	1
Percent	12.1	13.8	5.2	12.1	6.9	19.0	6.9	5.2	3.4	1.7
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Fire-Affected Rock	0.0	538.7	0.0	0.0	0.0	174.4	2549.6	0.0	0.0	0.0
Total Weight (g)	0.0	538.7	0.0	0.0	0.0	174.4	2549.7	0.0	0.0	0.0
Percent	0.0	16.5	0.0	0.0	0.0	5.3	78.1	0.0	0.0	0.0

Table 19. CA-SDI-17918 Unit 2 Results by Depth

Artifact	10-20 cm	20-30 cm	Total Count
Ceramic	1	0	1
Glass	1	2	3
Total Count	2	2	4
Percent	50.0	50.0	

Prehistoric Artifact Analysis

Testing at CA-SDI-17918 recovered 3 cores, 4 flaked lithic tools and 86 flakes, 36 pieces of angular waste, 1 mano, and 1 piece of shell. One flaked lithic artifact was recovered and the presence of lithic debitage at this site suggests that these types of tools were manufactured here, but the limited sample size and perhaps their limited presence at the site failed to recover them. Historic artifacts recovered from the site included 77 pieces of ceramic, 332 pieces of glass, 149 metal fragments, 58 munitions, and 7 pieces of building material. The cultural material that was recovered during testing is described in greater detail below.

Flaked Lithic Tools

Flaked lithic tools recovered during testing of CA-SDI-17918 were limited to four retouched flakes (Table 20). All were made from Santiago Peak Volcanic material and 3 of the 4 were recovered from the surface of the site. None of the flake-based tools are formal tools, that is none have been purposefully shaped. All four show limited unidirectional edge modification through retouch. Artifact SDI-17918-357 was recovered from the 80-90 cm level of Unit 1 and is the only tool recovered from the subsurface deposit. It is a thin flake with nibbling on two very acute edges. The artifact is lightly patinated and although rounding and polish are not present, the regularized edge damage suggests use.

Table 20. CA-SDI-17918 Flaked Lithic Tool Attributes

Cat#	Location	Level	Type	Material	Length (cm)	Width (cm)	Thickness (cm)	Weight (g)
SDI-17918-329	Shot #195	Surface	Retouch Flake	Santiago Peak Volcanic	3.2	1.5	0.6	2.8
SDI-17918-343	Shot #208	Surface	Retouch Flake	Santiago Peak Volcanic	2.8	1.9	0.9	4.8
SDI-17918-357	Shot #219	Surface	Retouch Flake	Santiago Peak Volcanic	2.7	1.2	0.5	2
SDI-17918-438	Unit 1	80-90 cm	Retouch Flake	Santiago Peak Volcanic	3.4	1.6	0.4	2.5

Cores

A total of three cores, one milky quartz test core, one milky quartz and one quartzite core were recovered from CA-SDI-17918. The first milky quartz test core (SDI-17918-431) was recovered from 60-70 cm level of Unit 1. Two flakes were removed and natural internal fracturing is present, but the stone quality overall appears fair. The second milky quartz core is a primary flake with one flake removed. The core is the same material and similar than the core recovered from Unit 1. The third core (SDI-17918-268), is quartzite with natural internal fracturing present. Three multi-directional flakes have been removed from the core in no apparent pattern and overall the stone quality is poor.

Debitage

Debitage represents the largest amount of prehistoric cultural material recovered from CA-SDI-17918. Debitage represents nearly 80 percent of the artifacts recovered, indicating that one of the major activities at this site was tool production and/or finishing.

Similar to CA-SDI-17916, the assemblage was dominated by Santiago Peak Volcanics (73%) (Table 21). Milky quartz made up almost 26 percent of thedebitage and obsidian made up less than 1% of the assemblage. The heavy use of Santiago Peak Volcanics would be expected as the sources are relatively

close. The source of the material most likely come from San Ysidro Mountains/Tecate Peak area located approximately 6 miles to the west of the site.

A single piece of obsidian was present at the site, indicating limited exchange with other groups is represented at the site. The flake was interior and may represent tool rejuvenation. The material is not clearly diagnostic as to source and has been sent for further analysis.

Table 21. CA-SDI-17918 Debitage Materials

Lithic Type	Milky Quartz	Santiago Peak Volcanic	Obsidian	Total	Percent
Angular Waste	24	12	0	36	29.8
Interior	7	75	1	83	68.6
Primary	0	0	0	0	0.0
Secondary	1	1	0	2	1.7
Total	32	88	1	121	100.0
Percent	26.4	72.7	0.8	100.0	

Almost none of the debitage had cortex, indicating that the debitage at this site reflects secondary and tertiary reduction of material initially reduced elsewhere. Pressure and core reduction technology is dominated by interior thinning and pressure flakes. No large bifacial thinning flakes were present and the assemblage is largely characteristic of core reduction for the production of expedient tools. Overall the debitage assemblage differs from that of CA-SDI-17916 in the amount of bifacial reduction. This may suggest a chronological difference between the two sites. The amount of core reduction and lack of pressure reduction suggests the site may be Archaic in age.

Groundstone

One groundstone artifact, a mano, was recovered from the surface collection in the northwest quadrant of the site. It is non-shouldered with light bifacial wear and light battering on one end. It is made from a fine grained porphyritic cobble and likely served as a combination tool for grinding and hammering activities.

Fire-Affected Rock

The only fire-affected rock recovered from the site was from the 60-70 cm level from Unit 1 and consisted of 2549.6 grams of slightly reddened granitic rock. The material was concentrated at the bottom of the unit and does not represent any clear hearth or related feature. Most of the fire-affected rock is composed of locally available granitic rock present within the area. The boulder outcrops around the site are lightly fire -affected due to frequent natural fires, suggesting that the material is not cultural and represents natural background material.

Historic Artifact Analysis

Historic artifacts dominated the surface artifact assemblage from CA-SDI-17918, but were very limited in the subsurface deposits, suggesting that they had been incorporated into the soil only through limited bioturbation. As indicated in Table 22, the historic items were dominated by consumer items followed by building material and kitchen items. The surface scatter appears to represent marginal surface refuse originating from the activity at P-37-027498. The majority of the material appears to be domestic refuse associated with the residence.

Table 22. CA-SDI-17918 Historic Artifact Classes

Material	Total	Percent
Agricultural Implements	1	0.1
Automotive	11	1.6
Building Material	123	17.9
Consumer	313	45.5
Hardware	13	1.9
Household Items	11	1.6
Intrusive	7	1.0
Kitchen	45	6.5
Livery Items	10	1.5
Munitions and Arms	7	1.0
Tools	1	0.1
Unidentifiable Metal Frags.	122	17.7
Unidentifiable Items	24	3.5
Total Count	688	100.0

Historic items from CA-SDI-17918 included a variety of material (See Table 15). Items included 1 brick fragment, 78 ceramic fragments, 15 composite items, 1 fragment of concrete, 374 fragments of glass, 7 intrusive fragments, 206 metal fragments, 1 munition fragment, 1 plaster fragment, 3 plastic fragments, and one fragment of rubber.

Glass

Glass was the most abundant material recovered during the surface collection. A total of 374 glass fragments were recovered during testing (Table 23). More than 90 percent of the glass was recovered from the surface. Clear glass is the dominant type at the site, but the frequency of amethyst glass and aqua glass suggest there is some component of the site that represents curated items or pre-World War I activity.

Table 23. CA-SDI-17918 Glass Type by Condition

Material	Base Frag.	Body Frag.	Finish Frag.	Other Frag.	Whole	Total	Percent
Amber Glass	6	2	3	33	0	44	11.8
Amethyst Glass	0	4	0	8	0	12	3.2
Aqua Glass	5	29	2	51	0	87	23.3
Clear Glass	30	38	13	108	1	190	50.8
Cobalt Blue Glass	0	1	3	4	0	8	2.1
Green Glass	0	1	0	6	0	7	1.9
Milk Glass	1	0	0	10	0	11	2.9
Olive Green Glass	0	2	0	3	0	5	1.3
Other Glass	0	0	0	1	0	1	0.3
Safety Glass	0	0	0	9	0	9	2.4
Total Count	42	77	21	233	1	374	100.0
Percent	11.2	20.6	5.6	62.3	0.3	100.0	

Diagnostic glass items included 7 aqua glass mason jar fragments including a base fragment with a capital letter "A." None of these fragments are specifically diagnostic chronologically, but suggest the period before World War I, when aqua glass was in common use. Fragments of a brown panel bottle and include an Illinois Glass Company mark with an "I" inside a diamond. This mark dates from 1916 to 1929. One panel fragment from the same bottle includes the word "hair" suggesting that the bottle is medicinal. Two other clear glass bases have Owens-Illinois Glass Company marks, dating after 1954 and one of these includes a Duraglas mark. Two other clear glass bases include the "BEST FOODS REGISTERED" marks also indicating a post World War II date. Overall datable glass marks suggest a long range of time is reflected in the surface scatter at the site.

Other marking on the glass includes a brown glass fragment with the letters "...ba..." and a clear glass base with the work "WELL." Fragments of a 1970s-era painted Dr. Pepper bottle and a clear glass graduated bottle glass bottle are also present.

Ceramics

The ceramic assemblage was dominated by domestic dishes and cups. Ceramic electrical insulators were also abundant. It is unclear if these were part of a fence system or if these were from the house and out buildings. Most of the ceramic dish fragments were undecorated, although some floral transfer patterns were present. No time-diagnostic ceramic maker's marks were present. Other ceramics in the assemblage included both glazed and unglazed terra cotta flower pots.

Metal

Metal was the second most abundant historic material at the site. Metal was dominated by non-diagnostic can fragments, but included a variety of other items. Most interesting were a series of both iron and aluminum horse shoes. All of the horseshoes were for race horses and support the historic use of site P-37-027498. Other metal items include buckles and other items associated with livery.

Discussion

The historic component of CA-SDI-17918 appears to represent a scatter of surface material from the entire period of use of the nearby ranch complex at P-37-027498. Amethyst and aqua glass, along with one datable bottle, provide evidence that the scatter includes some material from the early period of ranch use. Other items such as the racing horseshoes provide support the use of the ranch for raising race horses. Items not collected from the surface include a variety of modern plastic, metal, and glass items. Some of the glass collected during testing dates to the 1950s or more recently. This suggests that the accumulation of historic material on the surface of site CA-SDI-17918 represents the entire span of the ranch through modern use. The material is essentially a surface deposit that has accumulated as a scatter around the ranch area.

4.3.3 P-37-027498 and P-37-027500

Ranch Complex and Building Descriptions

The eight structures which currently comprise the “Rancho Potrero” horse ranch include the water tank above the property and buildings to the east (Figure 25). According to the San Diego County Assessor’s building record for the property located at 24843 Potrero Valley Road, the barns and related structures were built in 1925. The current house was built in 1970, with an addition built in 1980-81.

Shirley Reider, in her book on the history of Potrero Valley, notes that after the purchase of land in Potrero which accompanied the boom in San Diego in the 1880s, few if any improvements were made to the parcel which is encompassed by the project. Then in the late 1920’s, as part of his interests in horse racing, Alexander Pantages purchased land in Potrero, as it was deemed suitable for raising horses, due to the elevation. Pantages had by then become well-known for his theatres and other pursuits in the entertainment industry.

Though it is not clear whether Mr. Pantages ever spent appreciable lengths of time in Portrero at his horse ranch, his “string of yearlings” did, under the direction of men and women who likely gained their expertise through on the job training at race courses such as Santa Anita, and others of fame in the horse racing community.

The San Diego County Assessors building record identifies seven structures in addition to the main house on the property (Figure 26). There are also four sheds shown on the south side of the current property that no longer remain. Each of these buildings is identified and described below.

Figure 25

Rancho Potrero Site Map Sites P-37-027498 and P-37-027500

(Confidential Figure located in Appendix G)

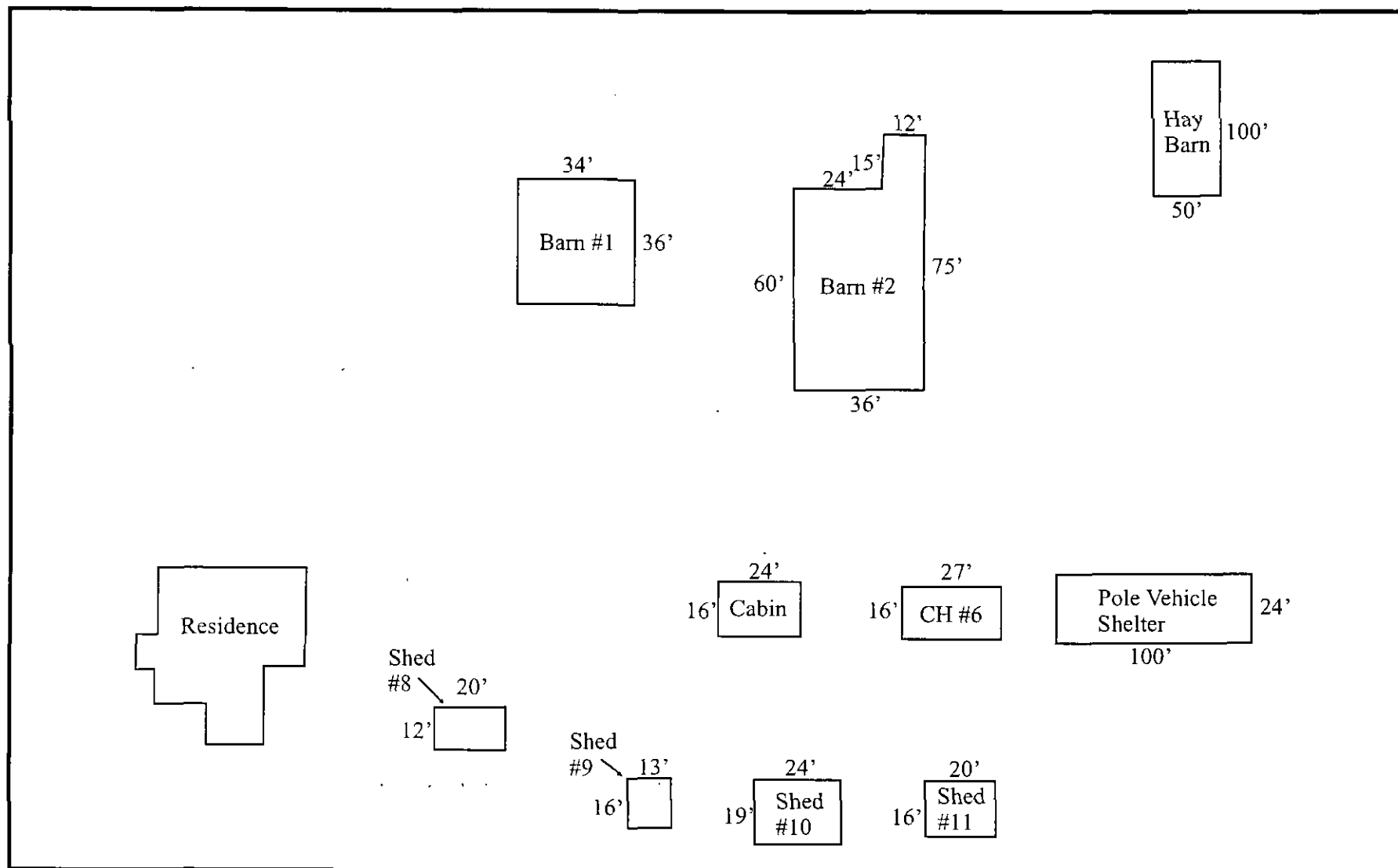
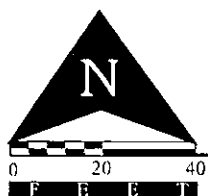


Figure 26
P-37-027498 Site Plan from the
Historic Building Record



Current Residence - This structure is not the original dwelling on the site, which was burned in 1970 (Reider 2004: 91). According to Reider, a new house was built to replace the old one shortly thereafter (Figure 27). The current house is a combination of a single story portion on the south, with a two story space to the north, representing an addition which was built in 1981 (Figure 28). The resulting total square footage of the house is 2,314 square feet. On the east side of the house, an exterior patio and pool were built, the pool having been added in 1976.

The house was built after the ranch style, and is on a poured concrete foundation. The roof is gabled and covered with composition shingles (Figure 29). The one-story southern portion is cross gabled and at right angles to the south elevation of the two-story portion. The roof eaves are different with the one story portion having projecting eaves with rounded ends. The two-story portion's eaves are finished with fascia boards. Board and batten siding was used throughout the house.

The main entrance to the house is on the west elevation, facing the road (See Figure 29). There are three large windows at the entrance, all aluminum sliding frame style. The south elevation is without windows, but there is a vent at the gable end. There are banks of windows at the northwest and northeast corners of the house, with aluminum sliding frames, placed high up along the walls.

The east elevation has a porch with a shed roof, with what appear to be sliding glass doors to access outside from the one-story portion. These are partially obscured by security doors. There are multiple aluminum sliding frame windows along the east elevation. The two-story portion of the house on the east elevation has a deck above the porch, with both window and door openings on to the deck. There are vents in the gable ends of the two-story portion, on both the south and east elevations. Chimneys were placed in the two story portion of the house on both the north and south elevations.

Barn # 1 - This smaller barn is located at the northwest end of the property, east of the main ranch house (See Figure 26). Unlike the alignment shown on the historic building record, it is aligned at an angle to the larger barn, such that its walls run in a northwest to southeasterly direction. The barn is one-story, having a low, sloping gabled roof (Figure 30). Its dimensions according to the building record are 34 feet along the northwest facing elevation by 36 feet along the southeast facing elevation. The opening on the northwest elevation has a swinging door, while that of the southeast elevation is a sliding door.

There is currently a small kitchen in the southwest corner, which has a concrete floor. The rest of the structure has a dirt floor with four stalls, with the largest interior space in the northwest section. Windows of the barn are rectangular, with wire mesh over the openings. One window on the southeast elevation is double hung sash. The siding is board and batten.

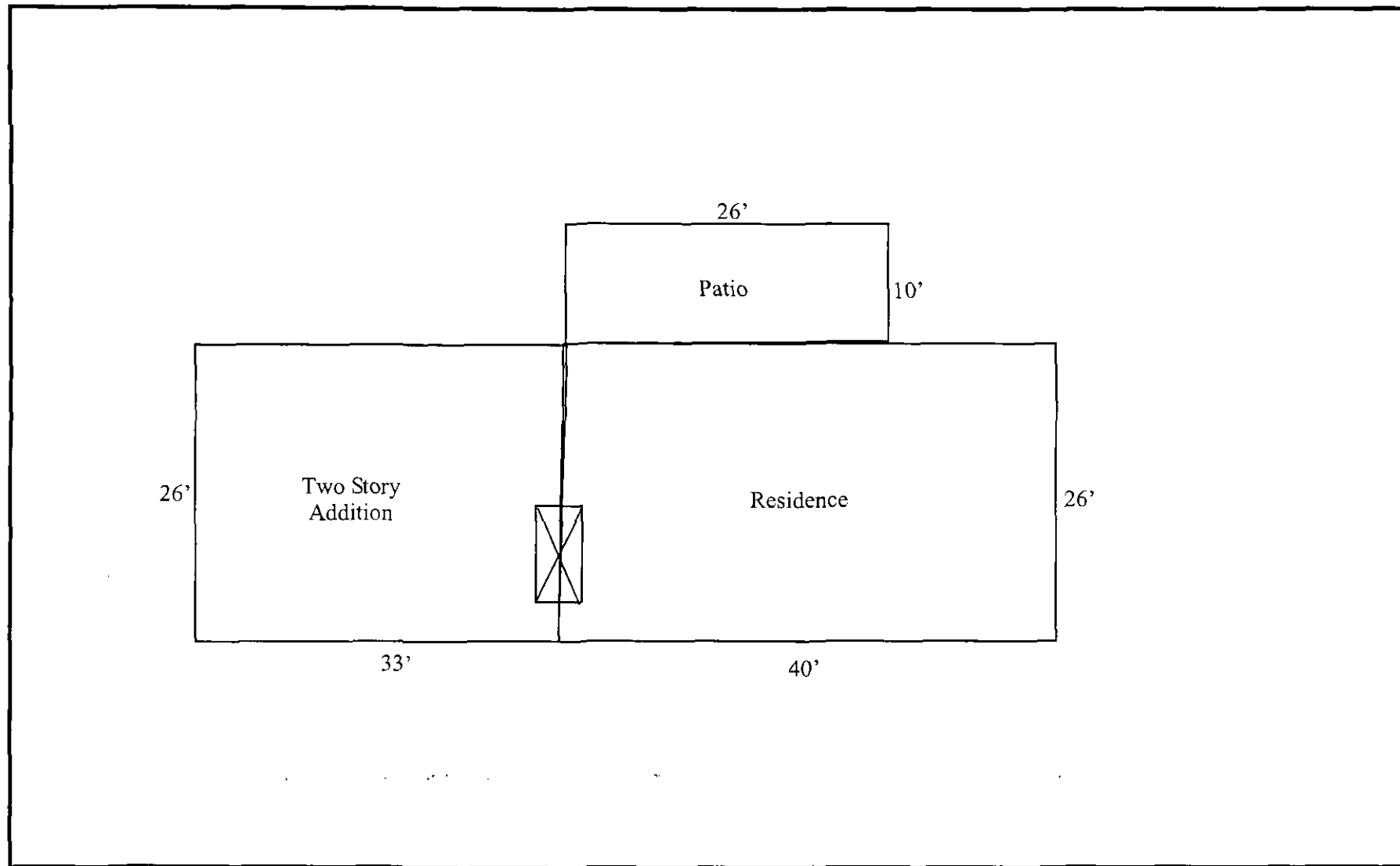
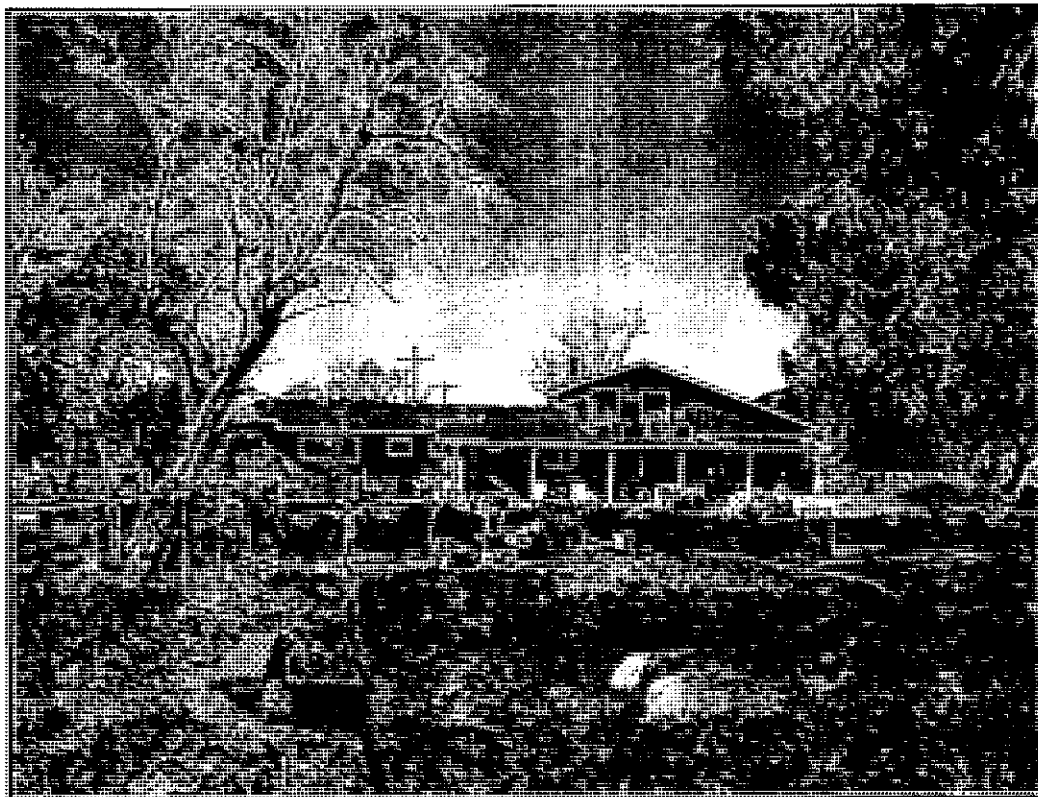


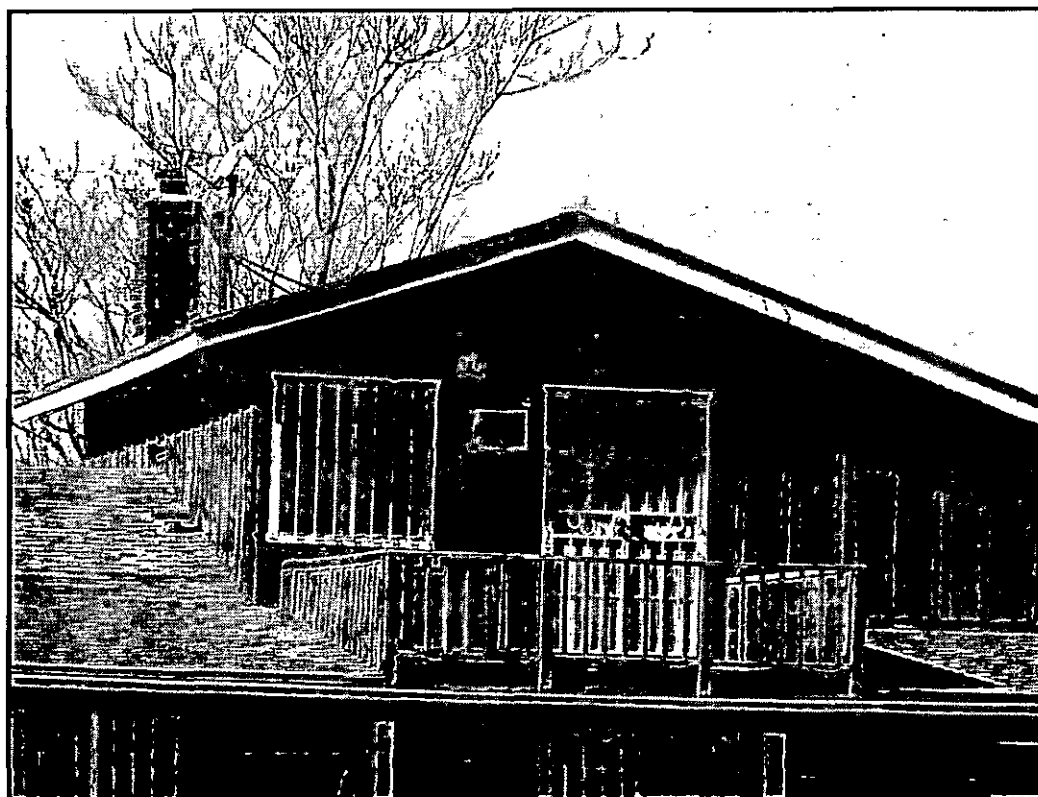
Figure 27
P-37-027498 Current Residence Plan from
the Historic Building Record



Laguna Mountain Environmental, Inc.

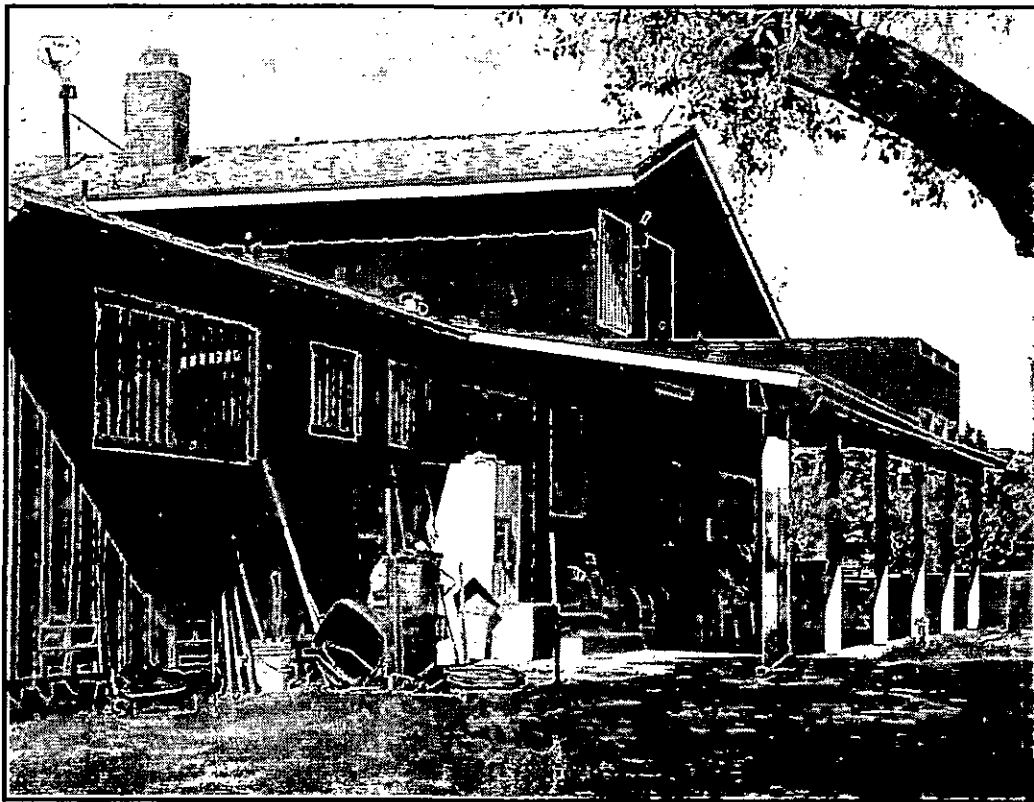


Residence Overview Looking West (PR-01952-076)



Second Story Overview (PR-01952-080)

Figure 28
Residence Overview Photographs

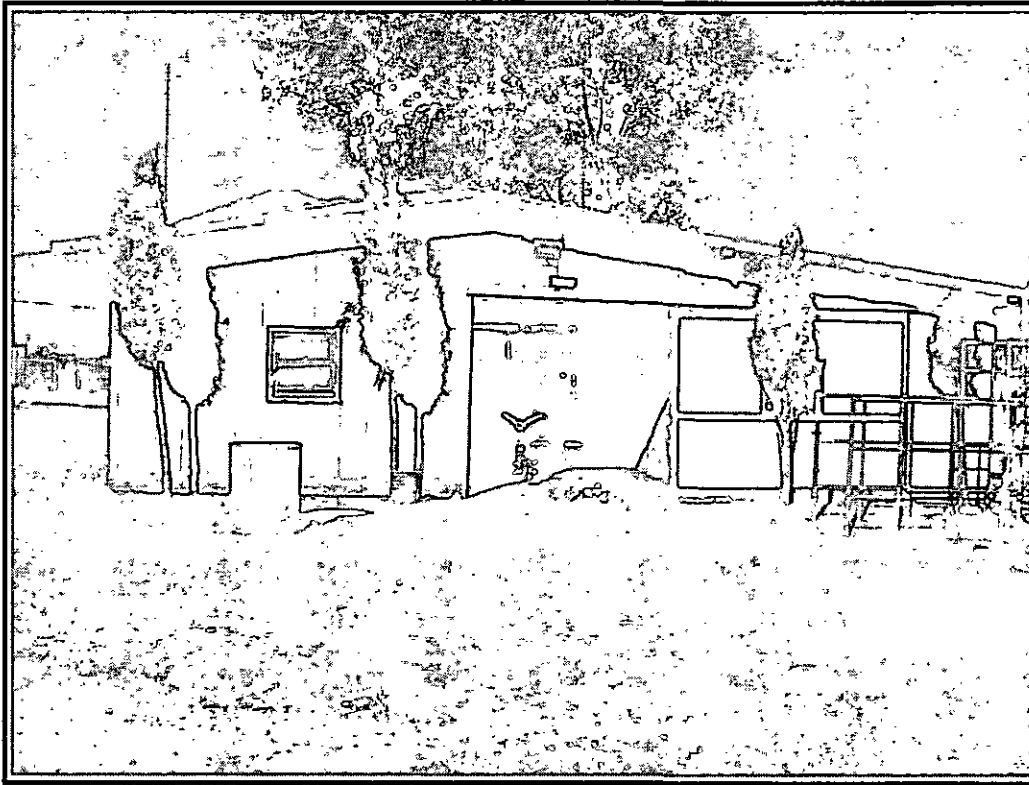


Residence Overview Looking Northwest (PR-01952-105)

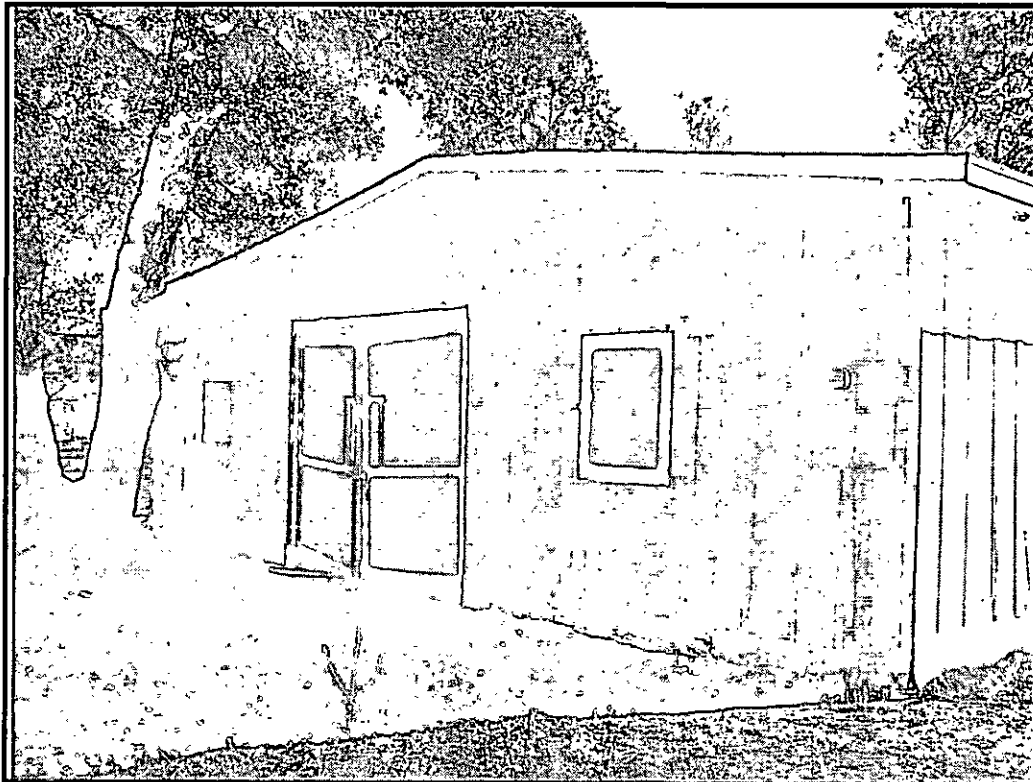


Residence Overview Looking Northeast (PR-01952-101)

Figure 29
Additional Photographs of the Current Residence



Barn #1 Overview, view to Northwest (PR-01952-001)



Barn #1 Northwest side, view to Southeast (PR-01952-011)

Figure 30
Barn #1 Overview Photographs

Barn # 2 – The larger of the two enclosed barns is aligned on a north-south axis, with entrances on both the north and south elevations. The gabled roof, somewhat steeper of slope than that on Barn # 1, has gable ends at the north and south elevations (Figure 31). This barn or stable measures 36 feet across at the south elevation, 60 feet along the west elevation, 75 feet along the east elevation, and has an 'L' shaped corner at the northeast corner of the building. The 'L' begins at 24 feet across the north elevation and projects 15 feet to the north. There are ten stalls within the barn or stable, with the second stall on the west side (second from the south side entrance) having a hinged door which swings inward. Carpeting is on the floor and there is a lowered ceiling, with plywood around the walls of the former stall. The first two stalls on the west side have windows with four lights; the southwest of these two slides up along runners placed on the exterior wall. The window frames are like those of a double hung sash window, but do not open with that kind of mechanism. There is board and batten siding on the exterior. Other window openings have wire mesh over them for the stable stalls. Horizontally placed boards run the length of the exterior siding on the east elevation, at the height of the windows, top and bottom.

Stalls inside the barn were numbered one through eight. Stall number "1" is the third on the west side. At the north end of the barn an extension to the north was built with a shed roof extension of the gable roof. There is a doorway in the corner, at right angles to the north elevation entrance to the barn. The office space has finished wall surfaces and ceiling.

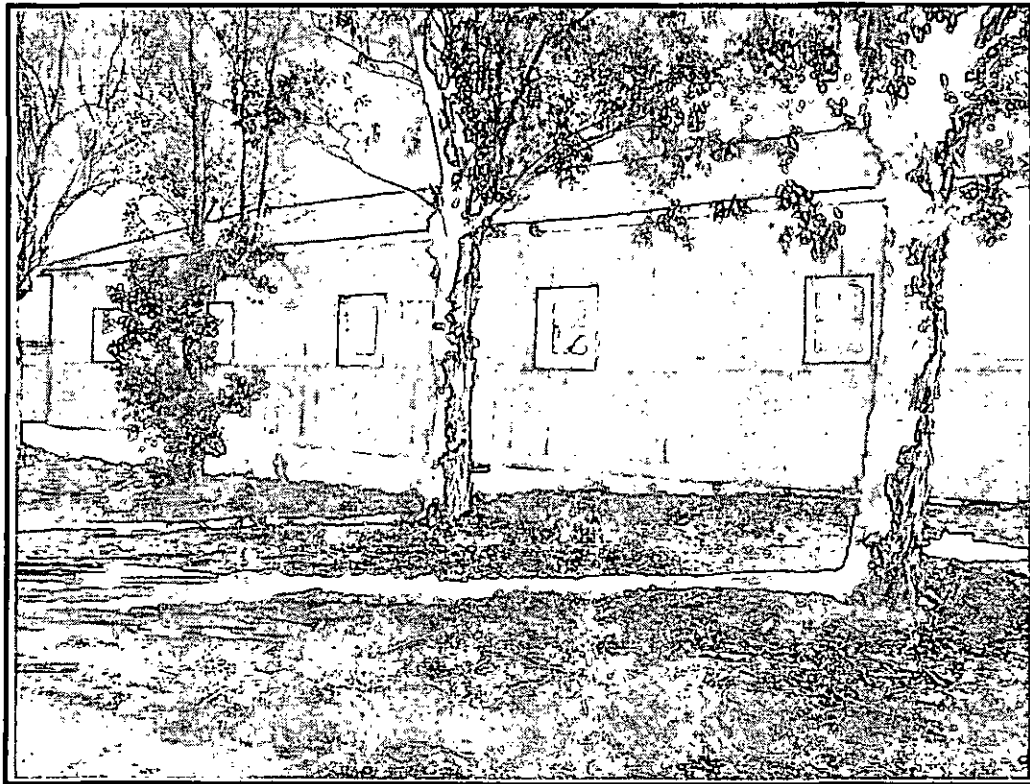
On the exterior east side, there is a concrete feature which was shaped into a shallow trough and may have been used for washing stabled animals. A rectangular outline of concrete, on the north side of the barn, appears to be associated with roofing material noted on the ground surface.

Hay Barn - This is an open-walled hay shed, having wire mesh at the lower portion of the side 'walls', the mesh being approximately six feet high (Figure 32). The structure measures 50 feet across on the north and south elevations and 100 feet long on the east and west elevations, according to the building record. There is a divided interior, the spaces being divided by wire mesh and utilized for storage. A pole construction supports the wood frame and corrugated steel roof (See Figure 32). One section inside has been built using plywood for walls. Steel pipes support the east wall. There is a gate at the north end, but none to the south. The center section of the roof appears to have been recently replaced. To the west side, the roof has a dropped shed roof outline.

Pole Vehicle Shelter – The length of this structure is 100 feet on the north and south elevations, while the width measures 24 feet along the east and west elevations, according to the building record. Steel poles support a wood frame, gabled roof, which is now open to the elements (Figure 33). Corrugated steel siding was used on the north, east and west sides. The structure is completely open to the south, by which vehicles likely entered the shelter. There is a cinder block foundation on the west side, which also served as a retaining wall. There is no such wall on the east side, which lies up a slope. The structure had electricity, as evidenced by noted wiring and fixtures.



Barn #2 Overview, view to Northwest (PR-01952-037)

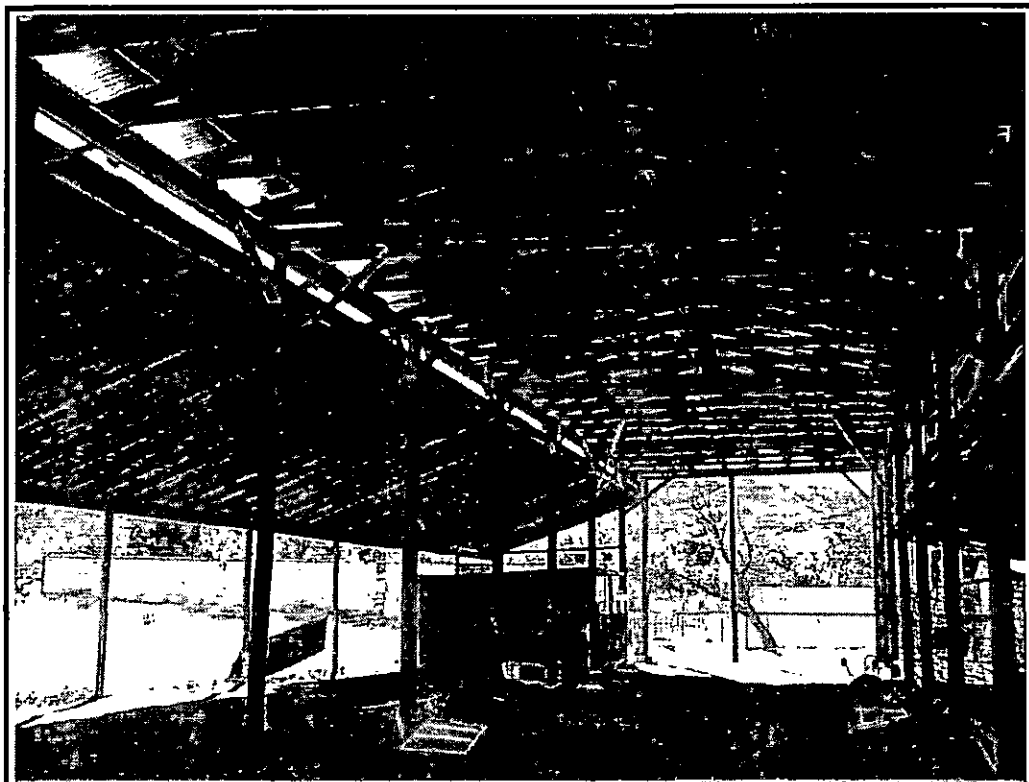


Barn #2 West side, view to Northeast (PR-01952-016)

Figure 31
Barn #2 Overview Photographs



Hay Barn Overview, view to East (PR-01952-028)



Hay Barn Roof Interior, view to South (PR-01952-033)

Figure 32
Hay Barn Overview Photographs



Cabin Overview, view to Northeast (PR-01952-044)



Cabin South side, view to North (PR-01952-045)

Figure 33
Cabin Overview Photographs

Cabin – This structure has had several alterations and various uses, but appears to have been originally built as a residence for ranch or stable hands (Figure 34). The building record gives its dimensions as 24 feet along the north and south elevations and 16 feet along the east and west elevations. The structure has a concrete foundation, and appears to have been built with single-walled construction. The building record also notes that there was a housing for a one-horsepower pump under the cabin, which stands two stories tall. There is a gabled roof, with board and batten vertical siding. Exterior stairs lead to a door on the east elevation's second story. There is a small deck or platform to the east of the stairs, between the cabin and chicken house. Plumbing pipes were placed on the exterior of the east wall. There is a small rectangular window opening just under the gable end on the east elevation, which is now boarded over. Another opening having a shelf-like extension was placed at the base of the second story level, at the south end of the east elevation.

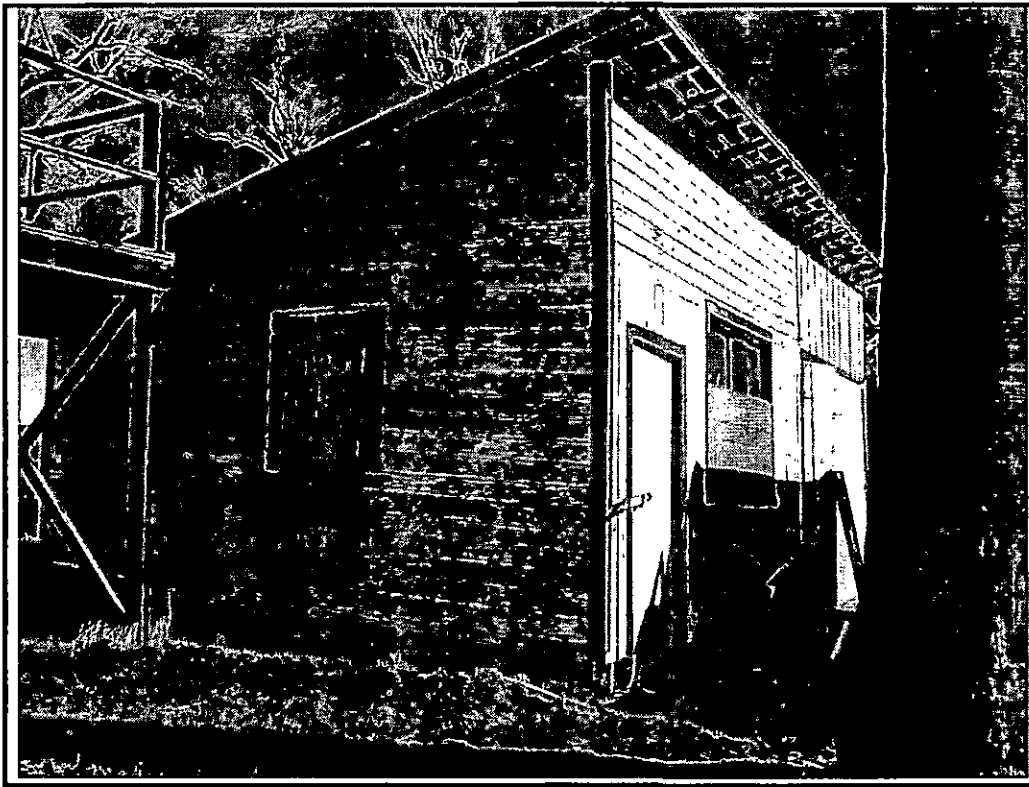
At the second floor level of the south elevation, there are two window openings. The eastern one is completely gone, but the west opening has an aluminum sliding framed window. The south elevation has a barn-style door at the first floor, and an aluminum framed window in a rectangular opening, with most of the frame removed.

The west elevation has the same vent opening below the gable end as on the east elevation, also closed over. There is an aluminum sliding window frame in the opening below this. A doorway opening was placed at the north end of the west elevation. There is framing, but no hinges, and appears to have been cut into the board and batten siding.

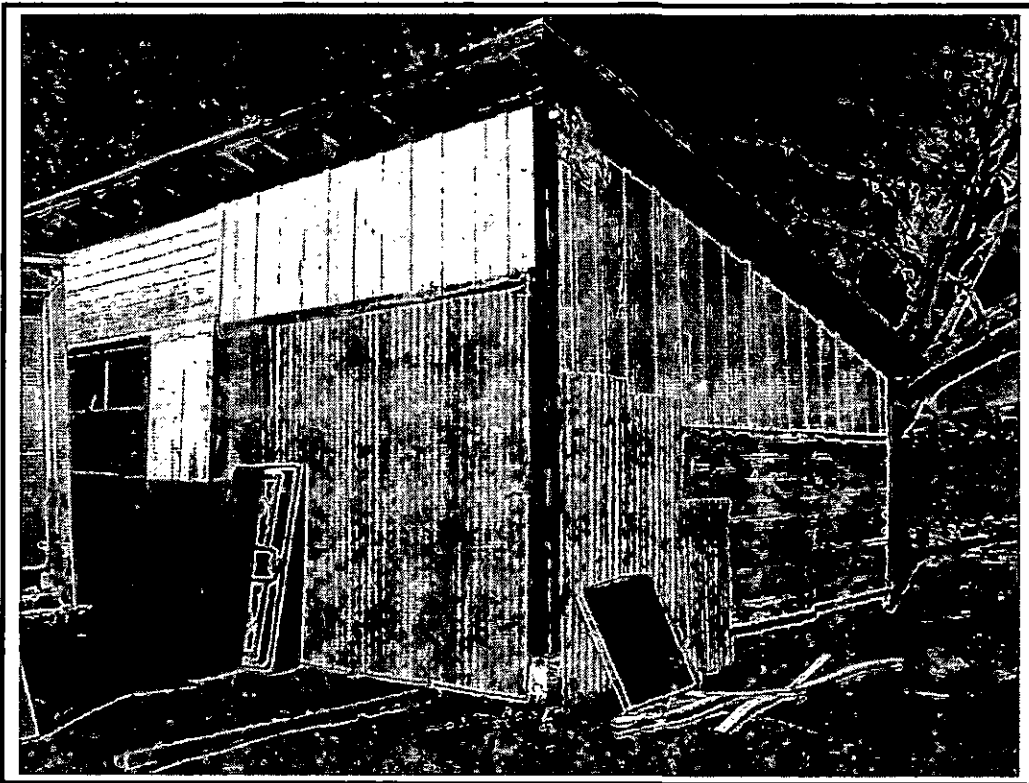
On the north elevation, the first floor windows may be original to the structure. The eastern of these two windows is double hung sash, framed on the exterior siding with boards. The western window of the first floor, north elevation, is a fixed window.

Chicken house – This is a single story structure which measures 27 feet along the north and south elevations and 16 feet on the east and west elevations. It has a shed roof which slopes down to the north, and horizontally placed siding on the west exterior elevation (Figure 35). This elevation gives the most finished appearance, and has corner boards protecting the siding. The south elevation has an aluminum sliding frame window and barn style door, with corrugated steel. This doorway was placed at the east end of the south elevation. The south elevation siding presents a mix of vertical shiplap or tongue-in-groove, horizontal shiplap or tongue-in-groove and vertically placed board and batten siding.

The east elevation contains vertically placed board and batten above and horizontal siding below, with patches of corrugated steel. There is a concrete floor which extends to the east side of the structure.



CH #6 Overview, view to Northeast (PR-01952-051)

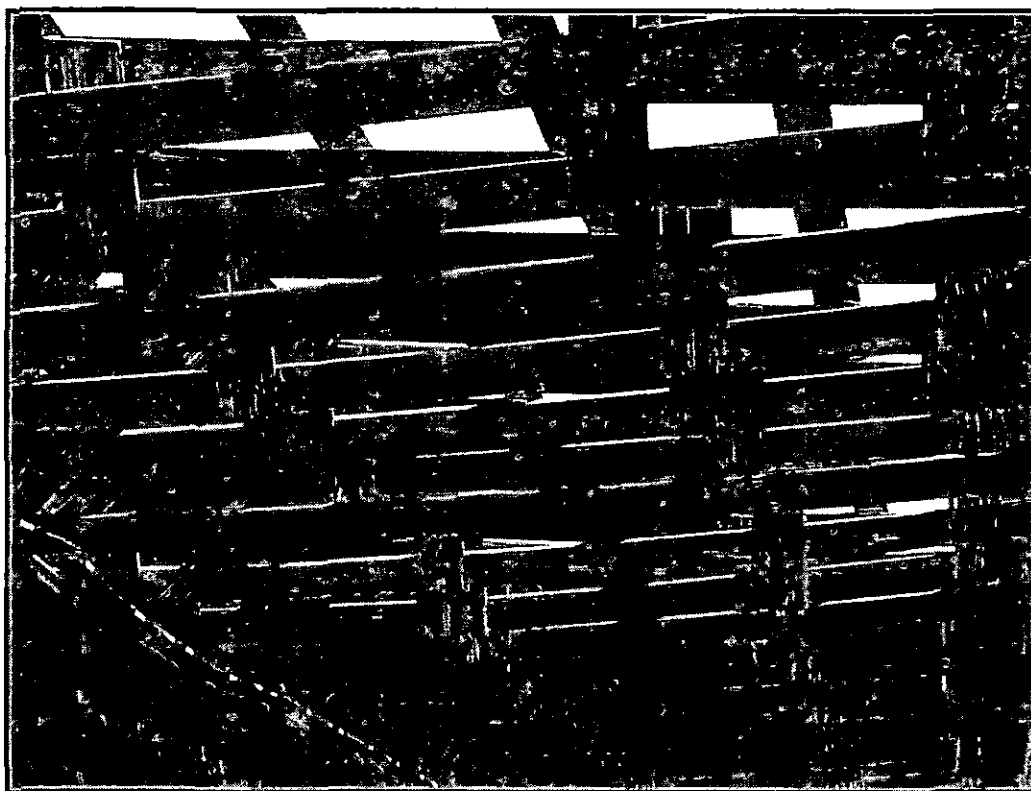


CH #6 East side, view to Northwest (PR-01952-053)

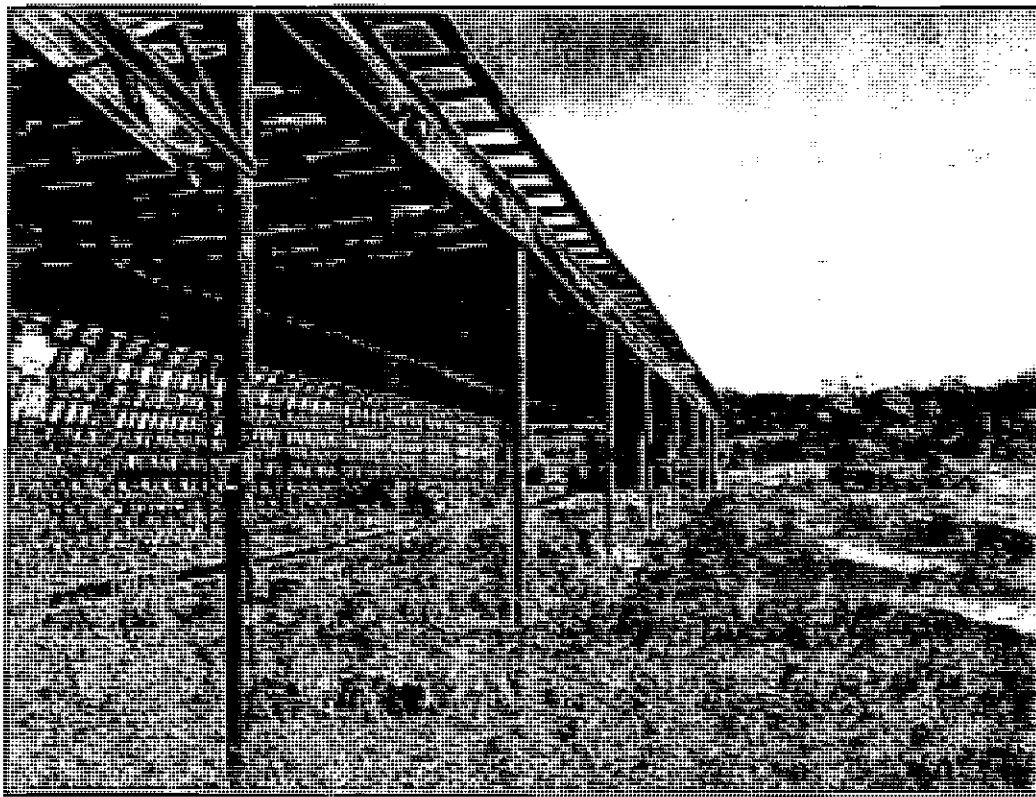
Figure 34
Chicken House Overview Photographs

Laguna Mountain Environmental, Inc.





Pole Vehicle Shelter Roof (PR-01952-059)



Pole Vehicle Shelter Inside Looking Northeast (PR-01952-058)

Figure 35
Pole Vehicle Shelter Overview Photographs

Historic Background

The property which includes the subject parcel was not developed until the 1920s, but it was owned by at least two of the settlers' families who came to this part of east San Diego County as early as 1874. The checkerboard pattern of land holdings shown on the map of grant deeds and/or homesteads in the vicinity, dated from 1891 to 1895 indicate that as many as five different owners held land which may coincide with that of the subject parcel. Of this five, two are shown as land owners on the east side of Potrero Valley Road. These two are "W. W. Clifton, 1885" and "Thing, 1876" (Reider 2004: 160). The other three potential owners of these early years include: "John J. Williams, 1874," "McFall Pearson, 1885," and "Tom Fuquay." Since none of these land owners is known to have made "improvements" on the parcel, their histories will not be restated here.

On a map produced by the Pacific Coast Land Bureau (a corporation) in 1886 and titled "Map of Portion of San Diego County, California, showing the El Cajon Valley and all other Important Lands," the Potrero Post Office is shown (California Room, San Diego Public Library). The map shows a road connecting Potrero to Rancho Jamul to the west, and the "Compo" Post Office to the east.

A Plot Plan of 1912, the east side of the Potrero Valley Road, includes two new owners of the area which corresponds to the subject parcel. In Section 7, "C. Nelson" held title to 120 acres, and had as a neighboring owner, the "Potrero Syndicate" (Reider 2004: 161).

A later map of San Diego County dated 1924, and produced by Rodney Stokes Company, Inc. and distributed by the Southern Trust and Commerce Bank, titled "Escondido Territory Road Map, Southern California" does not show Potrero (California Room, San Diego Public Library). The map covers the area from the Pacific to the Colorado River, and communities as far north as Riverside. Potrero was a small community consisting of ranches, a school, a highway maintenance station and a store (Reider 2004: 162). It remained one of the small communities in the mountainous, remote eastern section of San Diego County.

According to the research conducted by backcountry historian, Shirley B. Reider, the wealthy theatre owner and producer, Alexander Pantages reportedly purchased land in Potrero for the purpose of developing a horse ranch in the late 1920s (Reider 2004: 90) (Figure 36). The ranch would enable Pantages to have a "string of yearling horses" trained at higher altitudes than those of the coastal zone. This training would increase their lung capacity, and theoretically increase their chances of being in the winner's circle (Reider 2004: 90).

The remote nature of Potrero would have likely been one of the factors which contributed to Mr. Pantages' interest in the property. By the 1920s, Alexander Pantages was known throughout the country for his movie and vaudeville theatres and productions. His theatres were examples of "movie palaces," but his career had its seeds in the Klondike Gold Rush of 1897 (Reider 2004: 90).



Figure 36. Alexander Pantages Visiting His San Diego Theatre (San Diego Historical Society)

For the purposes of this discussion, the personal history of Alexander Pantages is perhaps more information than required, but his life was one which epitomizes the entrepreneurial skill of those who came to the United States as immigrants in the last quarter of the 19th century. Biographical sources state that Pantages was born in about 1876, left the Greek island of Andros at the age of nine years and eventually made his way to San Francisco. It was from there that he embarked as a young man to make his fortune, along with thousands of other gold seekers, in the Klondike Gold Rush of 1897. While in the Yukon, he made the acquaintance of Kate Rockwell, who had come to be known as “Klondike Kate” (Morgan 1960: 151-158). The two became lovers, and entered into a partnership which involved working the audiences of Dawson’s miners in the Yukon Territory. Alexander Pantages thus began his theatre career in Dawson, with the help of Kate. To Kate’s surprise, he ended up marrying another woman, Lois Mendenhall (Reider 2004: 90). It was after the gold rushes in both the Klondike and in Nome, Alaska, that Alexander Pantages began to grow his fortune as a participant in the burgeoning entertainment industry. Theatres bearing his name were eventually built across the country.

As a member of the group of men who had moved from the vaudeville circuit to the movies, and as a producer and an owner of theatres, Alexander Pantages moved in the circles of people who revived the race course that had been located in Arcadia, near Los Angeles, California. Hollywood producers such as Hal Roach and others opened the track at Santa Anita on Christmas Day, 1934 (Santa Anita, Wikipedia). Mr. Pantages was likely a member of the Los Angeles Turf Club, which maintained an interest in the stables attached to the Santa Anita racetrack (San Diego Union, February 18, 1936, obituary).

According to the research done by Reider, and her oral histories, Pantages purchased the land which nearly coincides with the subject parcel, to develop it as a horse ranch. The San Diego County Assessor's building record indicates that the barns, stables, chicken house and cabin were built in 1925 (San Diego County Assessor, Miscellaneous Building Record, 24843 Potrero Valley Road, APN # 654-020-65). The knowledge of Alexander Pantages' direct involvement with the parcel apparently ends there. Mr. Pantages died in 1936, and was survived by his wife Lois, two sons, Rodney, then a theatre executive, and Lloyd, a journalist, and his daughter, who had married John Considine, Jr. (San Diego Union, February 18, 1936, obituary).

Currently, the ownership and occupation of the Potrero Horse Ranch after Pantages' time becomes predominantly a matter of memory and oral histories. Reider states that the 1930 United States census listed the William K. McGregor family in Potrero, California, running a horse ranch. It has also been established through residents, Clara Akers and Frank Fowler, that Roy and Alice Hickock, and their nephew, Lyle Bush, lived on the ranch in the 1930s (Reider 2004: 91). Perhaps these families served as caretakers. Workers on the paving of Highway 94 were boarded at the ranch during the decade of the 1930s (Akers in Reider 2004: 84). Clara Akers, in recording the memories of her father, Sam Moore, Sr., wrote that an African American named Sandy was the neighborhood veterinarian at the time.

He was the only black in the neighborhood and I never knew his last name. . . . I don't think he had a degree but had just worked around race tracks. He might have come originally to work there when Alexander Pantages was raising horses there. . . . His room was one of the stables all fixed up (Akers in Reider 2004: 84).

Mr. Moore also recalled that the families of soldiers stationed at Camp Lockett, which was established for divisions of the U. S. Cavalry during WWII, stayed at the stables of the horse ranch, as local housing was unavailable (Akers in Reider 2004: 84).

After World War II, the horse ranch was owned by at least five different owners, including Homer and Toni Hamilton from the early 1960s to 1964; Glenn and Dorothy Pearson, of the Pearson Ford dealership from 1964 to 1977; Bob and Phoebe Stewart, who made the addition to the second house; Mary Hill, who renamed the ranch "Run for the Roses," and Susie DuCharme who owned it until 2003 (Reider 2004: 91-92).

5.0 INTERPRETATION OF RESOURCE IMPORTANCE AND IMPACT IDENTIFICATION

5.1 Resource Importance

The cultural resource survey identified five cultural resources (CA-SDI-17916, CA-SDI-17917, CA-SDI-17918, P37-027498, and P37-027500) and four isolated artifacts (P37-027501 through P37-027504) within the project area. CA-SDI-17916 consisted of a prehistoric temporary camp with multiple loci and associated lithics. CA-SDI-17917 has a prehistoric component consisting of bedrock milling features and associated lithics, as well as a historic component consisting of a rock wall and associated trash scatter. P37-027498 is a historic water tank base with a modern water tank. CA-SDI-17918 has a prehistoric component consisting of bedrock milling features and a sparse lithic scatter along with a historic component consisting of a trash scatter. P37-027500 is a home and historic ranch site with an isolated lithic present. P37-027501 through P37-027504 consist of isolated Santiago Peak Volcanic and quartz flakes.

CA-SDI-17916, CA-SDI-17917, CA-SDI-17918, P37-027498, and P37-027500 have not been previously evaluated for nomination to the California Register or for significance under the County RPO. Under new County Guidelines, any site that yields information or has the potential to yield information is considered a significant site. As isolated artifacts with limited research value, P37-027501 through P37-027504, are not eligible for the California Register or significant under the County RPO. Site CA-SDI-17916, CA-SDI-17918, P37-027498, and P37-027500 should be avoided and incorporated into open space easements if possible.

A testing and evaluation program included surface collection, the excavation of STPs and units at sites CA-SDI-17916 and CA-SDI-17918. At CA-SDI-17916, fifty-eight STPs and two units were excavated, of which seven STPs and one unit contained cultural materials. At CA-SDI-17918, twenty STPs and two units were excavated, of which six STPs and both units contained cultural materials. Four milling features and two stacked rock features were also recorded at this site. Evaluation at P37-027498 and P37-027500 included field documentation and description along with archival studies and historic research.

The testing indicated that site CA-SDI-17916 was a largely San Dieguito and/or Archaic Period resource with a small Late Prehistoric component on the eastern edge of the site. Deposits were essentially limited to the surface, although much of the site area was deflated. The surface assemblage was collected during the current study. Because the surface site material was collected during the testing program and subsurface deposits are essentially absent, no additional research information remains at the location of CA-SDI-17916 and further data recovery is not warranted.

Site CA-SDI-17918 includes both a historic and prehistoric component. The historic component is largely a surface scatter of mixed age dominated by scattered material from the nearby ranch at P37-027500. The prehistoric component includes a small amount of bedrock milling with limited use and a sparse prehistoric subsurface component. The limited size of the subsurface component and limited content in terms of both artifact quantities and variety indicated that only limited additional information

is present. The absence of datable material and artifact types and quantities to meet the data needs established in the research design also indicate that CA-SDI-17918 does not contain additional important research potential and that additional data recovery is not warranted. CA-SDI-17916 and site CA-SDI-17918 do not meet the criteria for significance under the County RPO.

P-37-027498 and P-37-027500 have local significance through their association with a figure, who although of national importance, may not have had a sufficiently long term or close association with the property to give it significance on a national scale. The local community history lends the property significance through its association with employment of residents of Potrero at the time of the Great Depression. The horses, whether owned by Alexander Pantages or others, would have required daily tending, exercise and management.

The buildings associated with the ranch are significant in that they represent a specific type of structure functioning for a specific use, which was stabling horses. Though they do not represent the work of a master architect or a rarely seen style, they are representative of a particular industry which derives from the environment of the backcountry of San Diego County. These ranch structures are in their original location, have known associations (in terms of use, if not precisely in terms of people). San Diego County's backcountry communities have a history of being sought out for purposes related to ranching. There are other surviving horse ranches which are still being utilized, but not in Potrero. The San Luis Rey Downs in Bonsall, is one example.

In summary, the Potrero Horse Ranch is significant locally due to its association with the Potrero community and as an example of a horse ranch whose working buildings retain a degree of integrity such that they could be restored and returned to their original use. The existing residence is not considered a part of the significant resource due to its recent age and lack of association with the historic component of the site.

5.2 Impact Identification

The current project design proposes direct and indirect impacts to four of the five archaeological/historical sites (Figure 37). Under the California Environmental Quality Act (CEQA), the County Resource Protection Ordinance (RPO), and the new County of San Diego guidelines, proposed impacts to significant cultural resources need to be considered in the planning process. Sites CA-SDI-17916, CA-SDI-17918, P-37-027500, and P-37-027498 may be directly impacted by grading and development associated with the proposed lot split. Site CA-SDI-17917 will be incorporated into an open space easement and no impacts will occur to this site and testing is not required (See Figure 37).

Figure 37

Cultural Resources and Proposed Impacts

(Confidential figure located in Appendix G)

6.0 MANAGEMENT CONSIDERATIONS-MITIGATION MEASURES AND DESIGN CONSIDERATIONS

The goal of the project was to identify resources that may be impacted by the project. The cultural resource survey identified five cultural resources (CA-SDI-17916, CA-SDI-17917, CA-SDI-17918, P37-027498, and P37-027500) and four isolated artifacts (P37-027501 through P37-027504) within the project area. CA-SDI-17916, CA-SDI-17918, P37-027498, and P37-027500 will be impacted by the proposed project. Site CA-SDI-17917 will be avoided and placed into an open space easement.

6.1 Mitigable Impacts

The Potrero Ranch (P37-027498, and P37-027500) will not be directly impacted by the project. Indirect impacts associated with future maintenance and upkeep may result from the current project. It is recommended that the historic integrity of the structures be maintained throughout the proposed use. To mitigate indirect impacts from this project and ensure future protection of the Potrero Ranch, a Use, Maintenance, and Repair Easement is recommended, as well as completing an official Landmark Designation with the County of San Diego Historic Site Board (Historic Site Board). This application will be examined by the Historic Site Board and a recommendation will be made to the Department of Planning and Land Use (DPLU). The DPLU will then decide whether the resource is eligible for Historic Designation in accordance with Ordinance 9493 (San Diego County Local Register of Historical Resources adopted August 14, 2002).

The potential for additional buried prehistoric and historic resources based on historic research and survey results is present. Implementation of an archaeological monitoring is recommended to mitigate potential impacts to undiscovered buried archaeological deposits. This program shall include both a qualified archaeological monitor and a Native American Monitor. In the event that previously unidentified potentially significant cultural resources are discovered, the archaeologist, in consultation with County staff archaeologist, shall determine the significance of the discovered resources. For significant cultural resources, a Research Design and Data Recovery Program to mitigate impacts shall be prepared by the consulting archaeologist and approved by the County Archaeologist, then carried out using professional archaeological methods.

In the event that previously unidentified cultural resources are discovered, all cultural material collected during the grading monitoring program shall be processed and curated according to current professional repository standards. A report documenting the field and analysis results and interpreting the artifact and research data within the research context shall be completed and submitted to the satisfaction of the Director of Planning and Land Use prior to the issuance of any building permits. The report will include Department of Parks and Recreation Primary and Archaeological Site forms.

6.2 Non Significant Adverse Effects

Isolates P-37-028204 and P-37-028206 will be directly impacted by the project while isolate P-37-028205 is within a proposed open space easement and will not be directly impacted. Isolates P-37-028204, P-37-028205, and P-37-028206 do not qualify as eligible for the California Register or the

County RPO and impacts to these resources will not result in a significant adverse effect.

CA-SDI-17916 and CA-SDI-17918 and did not have associated subsurface deposits or sufficient artifact quantities to address questions developed in the research design. The information contained in these resources has been recovered during the testing program and no adverse effects will result from impacts to these areas.

With the implementation of the above mitigation measures, no significant adverse effect will result from project impacts.

7.0 REFERENCES

Almstedt, Ruth F.

- 1982 Kumeyaay and 'Iipay. In APS/SDG&E Interconnection Native American Cultural Resources, edited by Clyde M. Woods, pp. 6-20. Wirth Associates, Inc., San Diego.

Gifford, E.W.

- 1931 The Kamia of Imperial Valley. *Bureau of American Ethnology*, Bulletin 98.

Hedges, Ken

- 1975 Notes on the Kumeyaay: A Problem of Identification. *Journal of California Anthropology* 2(1):71-83.

Heuett, Mary Lou

- 1981 Phase I Reconnaissance of the Stallings Ranch, Campo, California. Unpublished technical report on file at the South Coastal Information Center, San Diego State University.

Hicks, Fredrick N.

- 1963 *Ecological Aspects of Aboriginal Culture in the Western Yuman Area*. Unpublished Ph.D. dissertation, Department of Anthropology, University of California, Los Angeles.

Luomala, Katherine

- 1976 Flexibility in Sib Affiliation among the Diegueño. In *Native Californians: A Theoretical Retrospective*, edited by L. J. Bean, and T. C. Blackburn, pp. 245-270. Ballena Press, Socorro, New Mexico.

Kroeber, A. L.

- 1925 Handbook of the Indians of California. *Bureau of American Ethnology Bulletin* 78. Smithsonian Institute, Washington. Reprinted in 1976 by Dover Publications, New York.

Moratto, J. R.

- 1984 *California Archaeology*. Academic Press, Inc.

Phillips, George Harwood

- 1975 *Chiefs and Challengers*. University of California Press. Los Angeles, California.

Reineika, Paul and Lowell Lindsay

- 1992 *Geology of Anza-Borrego: Edge of Creation*. Sunbelt Publications, Inc. San Diego, California.

Reider, Shirley Bowman

- 2001 History of Highway 94. Carrol Business Supply, Santee, CA.

- Rensch, Hero E.
1975 *The Indian Place Names of Rancho Cuyamaca*. Acoma Books, Ramona, California.
- Rogers, Malcolm J.
1945 An Outline of Yuman Prehistory. *Southwestern Journal of Anthropology*, 1(2):157-198.
- Rogers, Thomas H.
1992 *Geologic Map of California: San Diego-El Centro Sheet*. Division of Mines and Geology. Sacramento
- Shackley, M. Steven
1984 Archaeological Investigations in the Western Colorado Desert: A Socioecological Approach, Vol. 1. Wirth Environmental Services, A Division of Dames & Moore, San Diego.
- Shipek, Florence
1982 The Kamia. In APS/SDG&E Interconnection Project: Native American Cultural Resources, edited by Clyde Woods, pp. 21-33. Wirth Associates, Inc., San Diego.
- Spier, Leslie
1923 Southern Diegueño Customs. *University of California Publications in American Archaeology and Ethnology* 20:292-358.
- State of California, Department of Parks and Recreation.
1976 *California Inventory of Historic Resources*. Department of Parks and Recreation, Sacramento, California.

1992 *California Historical Landmarks*. Department of Parks and Recreation, Sacramento California.
- Strand, R.G.
1962 Geologic Map of California. Division of Mines and Geology, Sacramento, California.
- United States Department of Agriculture
1973 *Soil Survey, San Diego Area, California*.
- True, D.L.
1966 *Archaeological Differentiation of Shoshonean and Yuman Speaking Groups in Southern California*. Unpublished Ph.D. dissertation, Department of Anthropology, University of California, Los Angeles.

1970 *Investigation of a Late Prehistoric Complex in Cuyamaca Rancho State Park, San Diego County, California*. Archaeological Survey Monograph, Department of Anthropology, University of California, Los Angeles.

Willey, G. R., and P. Phillips

1958 *Method and Theory in American Archaeology*. University of Chicago Press.

8.0 LIST OF PREPARERS AND PERSONS AND ORGANIZATIONS CONTACTED

8.1 List of Preparers

Laguna Mountain Environmental, Inc.

Andrew R. Pignuolo, RPA, Primary Author
Elizabeth Davidson MA, Secondary Author
Anne Pierce Cooper, MA, Tertiary Author
Stephanie Sandoval, BA, Tertiary Author
Heather Kwiatkowski, BA, Tertiary Author

8.2 List of Persons and Organizations Contacted

Redtail Monitoring and Research

Mr. Clinton Linton, Mr. Gabriel Kitchen, Mr. Dennis Linton, and Ms. Lael Hoff

Native American Heritage Commission

Larry Myers

South Coastal Information Center (SCIC)

Seth Mallios

Museum of Man

Phillip Hoog

9.0 LIST OF MITIGATION MEASURES AND DESIGN CONSIDERATIONS

Mitigation Measures	Design Considerations
Ensure future protection of the Potrero Ranch through a Use, Maintenance, and Repair Easement	This easement is for the protection of the Potrero Ranch and prohibits demolition or alteration of the building. Repairs, restoration, or rehabilitation of the house should be in accordance with the <i>"Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings"</i> or the <i>Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings</i> (Weeks and Grimmer 1995)."-18322.
Further ensure the protection of the Potrero Ranch Building through official Landmark Designation	The completion of an application and the subsequent historical landmark designation will mitigate impacts to the ranch buildings.
Permanently fence the boundaries of the open space easement to avoid indirect impacts to site CA-SDI-17917 where access can be achieved.	Fencing will mitigate indirect impacts associated with property use and increased access.
Implement an archaeological and Native American monitoring and data recovery program to mitigate potential impacts to undiscovered buried archaeological resources.	During grading and any excavation for roads or house pads an archaeological and Native American monitor should be present to ensure that any undiscovered buried archaeological resources are identified. If resources are identified, then data recovery excavation may be necessary if impacts cannot be avoided..

APPENDICES

- A. Resumes of Principal Investigators**
- B. Native American Correspondence**
- C. Artifact Catalogues**
- D. Photograph Logs**
- E. Records Search Confirmations and Site Locations (Confidential)**
- F. Site Forms and Site Form Updates (Confidential)**
- G. Confidential Figures (Confidential)**

APPENDIX A
RESUMES OF PRINCIPAL INVESTIGATORS

ANDREW R. PIGNIOLO, M.A., RPA

Principal Archaeologist

Laguna Mountain Environmental, Inc.

Education

San Diego State University, Master of Arts, Anthropology, 1992

San Diego State University, Bachelor of Arts, Anthropology, 1985

Professional Experience

2002-Present	Principal Archaeologist/President, Laguna Mountain Environmental, Inc., San Diego, California
1997-2002	Senior Archaeologist, Tierra Environmental Services, San Diego, California
1994-1997	Senior Archaeologist, KEA Environmental, Inc., San Diego, California
1985-1994	Project Archaeologist, Ogden Environmental and Energy Services, San Diego, California
1982-1985	Reports Archivist, Cultural Resource Management Center (now South Coastal Information Center), San Diego State University
1980-1985	Archaeological Consultant, San Diego, California

Professional Affiliations

Register of Professional Archaeologists (RPA; formerly called SOPA), 1992-present

Society for American Archaeology

Society for California Archaeology

Pacific Coast Archaeology Society

Certified Archaeology Consultant, San Diego County

Certified Archaeology Consultant, Riverside County

Certified Archaeology Consultant, City of San Diego

Permitted for Bureau of Land Management lands in California

Qualifications

Mr. Andrew Pigniole is RPA/SOPA certified (1992-present) and is a certified archaeology consultant for San Diego and Riverside Counties. Mr. Pigniole has more than 29 years of experience as an archaeologist, and has conducted more than 650 projects throughout southern California and western Arizona. His archaeological investigations have been conducted for a wide variety of development and resource management projects including military installations, geothermal power projects, water resource facilities, transportation projects, commercial and residential developments, and projects involving Indian Reservation lands. He has conducted the complete range of technical studies including archaeological overviews, archaeological surveys, test excavations, historical research, evaluations of significance for National Register eligibility, data recovery programs, and monitoring projects.

Relevant Projects

Rancho San Vicente Project (*Turrini & Brink Planning Consultants*) Mr. Pignuolo served as Project Archaeologist, Principal Author, and Field Manager of a testing program at 24 archaeological sites located within an 850-acre planned development near Ramona, San Diego County, California. The project was conducted for compliance with County of San Diego guidelines and CEQA.

Los Coyotes Landfill Cultural Resources (*Bureau of Indian Affairs*) Project Archaeologist and Field Manager of a cultural resources survey for a landfill and related facilities on Los Coyotes Indian Reservation in San Diego County, California. The project involved a literature search and field survey to identify the presence and location of archaeological sites within the project boundary in compliance with NEPA.

Salt Creek Ranch Testing Program (*City of Chula Vista*) Mr. Pignuolo served as Project Archaeologist, Principal Author, and Field Manager of a large testing program which included 27 archaeological sites that were evaluated under CEQA and City of Chula Vista guidelines.

State Route 56 Transportation Alternatives Project (*City of San Diego*) Mr. Pignuolo was Senior Archaeologist, Principal Author, and Field Manager for a large testing and evaluation program at 13 sites in northern San Diego. Six of these were significant pursuant to CEQA and NHPA criteria providing a variety of important data on the Archaic period.

Imperial Project 2,500-Acre Survey and Evaluation (*Bureau of Land Management*) Mr. Pignuolo served as the Senior Archaeologist, Author, and Field Manager for an intensive archaeological inventory of more than 2,500 acres in eastern Imperial County, California for a proposed gold mine project. The project included the involvement of Native American representatives. More than 90 sites, including eight very large multicomponent sites, were identified and evaluated for National Register eligibility. A Traditional Cultural Property was identified and evaluated in the main portion of the project area.

Daley Rock Quarry Cultural Resources Survey and Test (*The Daley Corporation*) Project Archaeologist, Author, and Field Manager for the testing program and a series of associated surveys for a large prehistoric quarry (CA-SDi-10,027) located in southern San Diego County in compliance with County of San Diego guidelines and CEQA.

MCAS Tustin Relocation, MCAGCC Twentynine Palms 5,000-Acre Survey Project (*Commandant of the Marine Corps, COMCABWEST Base Realignment and Closure*) Mr. Pignuolo was Principal Investigator, Author, and Field Manager of a proposed base relocation project in San Bernardino County, California. The project included intensive inventory of an approximately 5,000 acre area and the recording of 137 archaeological sites and 207 isolated artifacts. The project was conducted under Section 106 of the national Historic Preservation Act (NHPA).

Reconnaissance of Sky Oaks Ranch (*Systems Ecology/Biology, San Diego State University*) Mr. Pignuolo participated in archaeological survey of more than 1,500 acres in the eastern portion of San Diego County.

Olympic Training Center Boathouse Project (*City of Chula Vista*) Project Archaeologist for an archaeological survey and testing program at two prehistoric archaeological sites adjacent to Lower Otay Lake.

Otay Ranch 5,000-Acre Survey Project (*City of Chula Vista*) Mr. Pignuolo served as Project Archaeologist for a survey of approximately 5,000 acres in southern San Diego County in compliance with County of San Diego guidelines, CEQA, and guidelines of the City of Chula Vista.

Scripps Poway Parkway Alternatives Project (*City of Poway*) Mr. Pignuolo was Principal Investigator, Author, and Field Manager of a survey of approximately 1,400 acres in the City of Poway. The survey resulted in the identification of 69 archaeological and historical resources within the area of potential effect. The survey was conducted under guidelines for the California Environmental Quality Act (CEQA) and the National Historic Preservation Act (NHPA).

160-Acre Eastlake Parcel of Otay Ranch (*City of Chula Vista/County of San Diego*) Project Archaeologist for an archaeological survey identifying three sites and ten isolates.

Monofill Land Exchange Project (*Magma Operating Company*) Mr. Pignuolo was Principal Investigator and Project Manager of an archaeological field survey of 1,280 acres to create a buffer zone around an existing landfill operation. The survey identified 92 prehistoric and historic sites and 42 isolated artifacts. The project was conducted in compliance with NEPA.

Otay Mesa OHV Park Survey (*County of San Diego*) Associate Archaeologist and Field Manager of a survey of the eastern portion of Otay Mesa in southern San Diego County pursuant to CEQA and County of San Diego guidelines.

Viejas Indian Reservation 1,200-Acre Survey (*Gold River Country*) Project Archaeologist for an archaeological survey of the entire Viejas Indian Reservation identifying more than 60 archaeological sites.

Campo Indian Reservation Cultural Resource Inventory (*U.S. Department of the Interior National Park Service*) Mr. Pignuolo participated in an archaeological survey of approximately 12,000 acres. The survey included working closely with local Native Americans in the identification and recordation of a variety of prehistoric and historic cultural resources.

ELIZABETH E. DAVIDSON, M.A. RPA
Senior Archaeologist
Laguna Mountain Environmental, Inc.

Education

University of Leicester, UK, Masters of Arts, Archaeology and Ancient History, 2007
San Diego State University, San Diego, Bachelor of Arts, Anthropology, 2001
San Diego State University, San Diego, Bachelor of Arts, Geography, 2001
San Diego Mesa College, San Diego, Associate of Arts, Anthropology, 1997

Professional Experience

2005-present	Senior Archaeologist, Laguna Mountain Environmental, Inc., San Diego, California
2007	Associate Archaeologist, Tierra Environmental
2003-2005	Project Archaeologist/GIS Technician, RECON Environmental, San Diego, California
2000-2003	Field Archaeologist, RECON Environmental, San Diego, California.
1998-2000	Research Assistant, South Coastal Information Center, San Diego State University, San Diego, California
1997	Student Intern, South Coastal Information Center, San Diego, California

Professional Training

2007	RPA Certification
2005	Completed the 40hr Hazwopper program
2004	Certificate of Completion for ArcGIS 9.0, ESRI
1999	Maps and Geographic Methods at SDSU.
1998	Into to Geographic Information System (GIS) at SDSU
1998	Certificate of Completion Field School, University of Malta, Malta.

Qualifications

Ms. Davidson is on the City of San Diego list of archaeological monitors. Ms. Davidson has over 10 years of experience as an archaeologist, and has worked on more than 90 projects throughout southern California. She regularly works with a range of regulatory and assessment frameworks including NHPA, NRHP, CRHR, CEQA and the County and City of San Diego. Ms. Davidson has conducted archaeological studies for a wide variety of development and resource management projects including military installations, utility projects, transportation projects, and commercial and residential developments. Ms. Davidson has participated in a range of cultural resource studies including archaeological surveys, test excavations, data recovery programs, and monitoring projects. Ms. Davidson has a strong background in GIS and GPS and works regularly with ArcGIS 9.x producing production quality site maps and report figures. Ms. Davidson has strong leadership skills, problem solving, critical judgment, conceptualization, realization, organization and research skills.

REPRESENTATIVE PROJECTS

ENERGY AND TRANSMISSION PROJECTS

Hill Street Monitoring Project, San Diego, California (*San Diego Gas and Electric, City of San Diego*) Ms. Davidson performed the duties of archaeological monitor for this underground utility project. One prehistoric site was encountered and a data recovery program was implemented (2006).

SDG&E Uptown Substation Expansion, San Diego, California (*San Diego Gas and Electric*) Ms. Davidson served as the primary archaeologist for this project. Ms. Davidson conducted the survey, recorded the historical and archaeological resources, produced all the graphics completed the final report for this project. Additionally, Ms. Davidson recorded all resources on DPR forms (2003).

MILITARY PROJECTS

Large Site Evaluation CA-SDI-12616, MCB Camp Pendleton, California. Ms. Davidson served as an archaeological excavator and GIS Technician for this project. The project was a data recovery program and included the excavation of STPs, units and the recording of milling features. Ms. Davidson also served as the lab technician in which she catalogued artifacts. Ms. Davidson also served as the GIS Technician in which she produced all of the graphics for the final report (2004).

250-Acre Rifle Range, MCB Camp Pendleton, California. Ms. Davidson served as an archaeological surveyor and GIS Technician for this project. The project was a survey program and included the recording of all cultural resources including, historic and prehistoric artifacts and milling features. Ms. Davidson also served as the GPS and GIS Technician in which she produced all of the graphics for the final report (2002).

LAND DEVELOPMENT PROJECTS

Grossmont Monitoring Project, La Mesa, California (*Private Client*) Ms. Davidson monitored this large area near the MTS Trolley station in La Mesa for the development of condominiums. No cultural resources were encountered during the project (2007).

Sachs Survey, Campo, California. Ms. Davidson served as an associate archaeologist for this project. Ms. Davidson participated as a surveyor for two small parcels in Campo, California (2006).

Black Mountain Ranch Monitoring and Black Mountain Ranch Phase II EIR Rancho Bernardo, California. Ms. Davidson served as an archaeological excavator and monitor and GIS technician for this project. The project consisted of both data recovery and monitoring during the grading of a large residential development north of Black Mountain Ranch in Rancho Bernardo. For the monitoring portion of this project Ms. Davidson authored the final report and completed all the graphics using ArcView 3.3. (2004-2005).

Citracado Parkway Demolition Project, Escondido, California. Ms. Davidson served as the primary archaeologist for this project. Ms. Davidson conducted the survey and identified five historic structures and conducted a preliminary historic structure assessment. Ms. Davidson completed and recorded the historical resources on DPR forms. Ms. Davidson produced all the graphics completed the final report for this project. Additionally, Ms. Davidson recorded all resources on DPR forms (2003).

TRANSPORTATION PROJECTS

Lawson Valley Bridge Replacement Project, Dnlzura, California. Ms. Davidson served as the primary project archaeologist for this project. Ms. Davidson conducted the survey, recorded the historical and archaeological resources, produced all the graphics and completed the final report for this project (2004).

Collier Way Bridge Replacement, San Diego, CA California. Ms. Davidson served as the project archaeologist for this project. Ms. Davidson conducted the survey, recorded the historical and archaeological resources, produced all the graphics completed the final report for this project (2003).

East H Street/I-805 Interchange Project, San Diego, California. Ms. Davidson served as the project archaeologist and construction monitor for the entire project. Ms. Davidson produced all the graphics completed the final report for this project. No significant cultural resources were identified for this project (2001).

WATER AND SEWER PROJECTS

Pump Station 45 Sewer Replacement Project, San Diego, California. Ms. Davidson served as the project archaeologist and construction monitor for the entire project. Ms. Davidson produced all the graphics completed the final report for this project. No significant cultural resources were identified for this project (2003-2004).

San Diego County Water Authority San Pasqual Water Well, San Diego, California. Ms. Davidson served as a surveyor and construction monitor for the expansion of an existing well project. Ms. Davidson assisted in the recordation of the historical and archaeological resources within the project area (2000).

APPENDIX B
NATIVE AMERICAN CORRESPONDENCE



Laguna Mountain Environmental, Inc.

July 17, 2008

Native American Heritage Commission
915 Capitol Mall, Room 364
Sacramento, CA 95814

RE: Potrero TPM Survey and Testing Project

Laguna Mountain Environmental, Inc. has been retained to conduct an archaeological survey in the Potrero area of the County of San Diego. Direct impacts related to the project include grading and excavation associated with a parcel subdivision. This study is being conducted in accordance with the California Environmental Quality Act (CEQA) and the County of San Diego Land Development Code and Historical Resources Guidelines. The County of San Diego will serve as lead agency for the project and CEQA compliance.

The approximately 73-acre project area is located in the Potrero area of the County of San Diego (Figure 1). It is located on the east side of Potrero Valley Road along the southeastern side of Big Potrero Valley. The address is 24843 Potrero Valley Road. It is accessible from Potrero Valley Road and is located in Sections 17 and 18, Township 18 South, Range 4 East. The project is shown on the Potrero USGS 7.5' Quadrangle (Figure 2).

We respectfully request any information and input that you may have regarding Native American concerns; either directly or indirectly associated with this project area. We would also appreciate a current list of appropriate Native American contacts for the area in order to illicit local concerns. If you or your files have any information about cultural resources or traditional cultural properties located on or near the project site, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,

Andrew R. Pignuolo
Principal Archaeologist

STL E OF CALIFORNIA

Arnold Schwarzenegger, Governor

NATIVE AMERICAN HERITAGE COMMISSION

915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 658-6251
Fax (916) 657-5390
Web Site www.nahc.ca.gov
na_nahc@pacbell.net



July 23, 2008

Mr. Andrew R. Pignuolo, Principal Archaeologist
Laguna Mountain Environmental, Inc.
7969 Engineer Road, Suite 208
San Diego, CA 92111

Sent by FAX to: 858-505-9658
Number of Pages: 3

Re: Request for a Sacred Lands File records search for the proposed Potrero TPM Survey and Testing Project, a Residential Development, located in the Community of Potrero, San Diego County, California

Dear Mr. Pignuolo:

The Native American Heritage Commission was able to perform a record search of its Sacred Lands File (SLF) for the affected project area (APE). The SLF search did indicate the presence of Native American cultural resources in the immediate project area.

Early consultation with Native American tribes in your area is the best way to avoid unanticipated discoveries once a project is underway. Enclosed are the names of the nearest tribes that may have knowledge of cultural resources in the project area. In particular, we recommend that you contact Paul Cuero at (619) 478-9046 and the other persons on the attached List of Native American contacts. They may have knowledge as to whether or not the known cultural resources identified may be at-risk by the proposed project. The Commission makes no recommendation of a single individual or group over another. It is advisable to contact the person listed; if they cannot supply you with specific information about the impact on cultural resources, they may be able to refer you to another tribe or person knowledgeable of the cultural resources in or near the affected project area (APE).

Lack of surface evidence of archeological resources does not preclude the existence of archeological resources. In fact, a Native American tribe may be the only source of information about a cultural resource. Lead agencies should consider avoidance, as defined in Section 15370 of the California Environmental Quality Act (CEQA) when significant cultural resources could be affected by a project. Also, Public Resources Code Section 5097.98 and Health & Safety Code Section 7650.5 provide for provisions for accidentally discovered archeological resources during construction and mandate the processes to be followed in the event of an accidental discovery of any human remains in a project location other than a 'dedicated cemetery. Discussion of these should be included in your environmental documents, as appropriate.

If you have any questions about this response to your request, please do not hesitate to contact me at (916) 653-6251.

Sincerely,



Dave Singleton
Program Analyst

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

Native American Contacts
San Diego County
July 23, 2008

Manzanita Band of Kumeyaay Nation
Leroy J. Elliott, Chairperson
PO Box 1302 Kumeyaay
Boulevard , CA 91905
(619) 766-4930
(619) 766-4957 Fax

Campo Kumeyaay Nation
H. Paul Cuero, Chairperson
36190 Church Road, Suite 1 Kumeyaay
Campo , CA 91906
chairman@campo-nsn.gov
(619) 478-9046
(619) 478-5818 Fax

Sycuan Band of the Kumeyaay Nation
Danny Tucker, Chairperson
5459 Sycuan Road Diegueno/Kumeyaay
El Cajon , CA 92021
ssilva@sycuan-nsn.gov
619 445-2613
619 445-1927 Fax

Kumeyaay Cultural Heritage Preservation
Paul Cuero
36190 Church Road, Suite 5 Diegueno/ Kumeyaay
Campo , CA 91906
chairman@campo-nsn.gov
(619) 478-9046
(619) 478-9505
(619) 478-5818 Fax

Viejas Band of Mission Indians
Bobby L. Barrett, Chairperson
PO Box 908 Diegueno/Kumeyaay
Alpine , CA 91903
daguiar@viejas-nsn.gov
(619) 445-3810
(619) 445-5337 Fax

Kumeyaay Cultural Repatriation Committee
Steve Banegas, Spokesperson
1095 Barona Road Diegueno/Kumeyaay
Lakeside , CA 92040
(619) 742-5587
(619) 443-0681 FAX

Kumeyaay Cultural Historic Committee
Ron Christman
56 Viejas Grade Road Diegueno/Kumeyaay
Alpine , CA 92001
(619) 445-0385

Ewilaapaay Tribal Office
Michael Garcia, Vice-Chairman/EPA Director
PO Box 2250 Kumeyaay
Alpine , CA 91903-2250
michaelg@leaningrock.net
(619) 445-6315 - voice
(619) 445-9126 - fax

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed Potrero TPEI Survey and Testing Project, a Residential Development located in the Community of Pinerio; in the mountains about 35 miles east of the City of San Diego; San Diego County, California for which a Sacred Lands File search and Native American Contacts list were requested.

Native American Contacts
San Diego County
July 23, 2008

Clint Linton
P.O. Box 507 Diegueno/Kumeyaay
Santa Ysabel , CA 92070
(760) 803-5694
cjlinton73@aol.com

Manzanita Band of the Kumeyaay Nation
Nick Elliott, Cultural Resources Coordinator
P.O. Box 1302 Kumeyaay
Boulevard , CA 91905
(619) 766-4930
(619) 925-0952 - cell
(919) 766-4957

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed Polzaro TPM Survey and Testing Project, a Residential Development located in the Community of Pismo; in the mountains about 95 miles east of the City of San Diego; San Diego County, California for which a Sacred Lands File Search and Native American Contacts list were requested.

APPENDIX C
ARTIFACT CATALOGUES

CA-SD-17918 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/V	Material/Species	Size/Shape	Length (cm)/ Shape Function	Width (cm)/ Finish	Thickness (cm)/ Lip	Count	Weight (g)	Comments/Marker	Reference and Date	Location and Date	Curated/ Repatinated When and Where?	
SD-17918	1 Shot 1		Surface	-	Debitage	Flake	Biface Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	>25 mm	-	-	-	1	3.5	No margin	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	2 Shot 2		Surface	-	Debitage	Flake	Late Pressure	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.5	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	3 Shot 3		Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	8.8	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	4 Shot 4		Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Porphyritic, Coarse-Grained	SPV	>25 mm	-	-	-	1	15.4	Unrugged	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	5 Shot 4		Surface	-	Debitage	Flake	Biface Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	8.0	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	6 Shot 5		Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	3.2	Split	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	7 Shot 6		Surface	-	Debitage	Flake	Biface Reduction	Angular	Tertiary	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	7.8	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	8 Shot 7		Surface	-	Debitage	Flake	Core Reduction	Angular	Tertiary	Patinated	Porphyritic, Coarse-Grained	SPV	>25 mm	-	-	-	1	9.7	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	9 Shot 7		Surface	-	Debitage	Flake	Biface Reduction	None	Interior	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	2.5	Shipped	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	10 Shot 8		Surface	-	Debitage	Flake	Biface Reduction	None	Interior	Patinated	Porphyritic, Coarse-Grained	SPV	8-13 mm	-	-	-	1	1.0	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	11 Shot 9		Surface	-	Debitage	Flake	Biface Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.6	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	12 Shot 10		Surface	-	Ceramic	Tizon Brown Ware	Undecorated	Body Shield	Not Burned	Unknown	Sedimentary Clay	-	-	-	-	-	1	5.8	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	13 Shot 11		Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	8.6	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	14 Shot 12		Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.8	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	15 Shot 13		Surface	-	Debitage	Flake	Biface Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.6	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	16 Shot 14		Surface	-	Debitage	Flake	Biface Thinning	None	Interior	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	2.6	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	17 Shot 15		Surface	-	Debitage	Flake	Biface Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	>25 mm	-	-	-	1	6.2	Burred	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	18 Shot 16		Surface	-	Groundstone	Mano	Bifacial	Shouldered	Complete	Patinated	Not Picked	MQ	-	-	8.2	7.3	4.7	1	582	End Edge Battering	Ditmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	19 Shot 17		Surface	-	Groundstone	Mano	Unifacial	Not Shouldered	Complete	Patinated	Picked	MQ	-	-	10.5	8.2	5.4	1	670.3	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	20 Shot 18		Surface	-	Groundstone	Mano	Bifacial	Shouldered	Complete	Patinated	Not Picked	GR	-	-	10.2	7.5	5.7	1	678.9	End Edge Battering	Ditmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	21 Shot 19		Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	3.7	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	22 Shot 20		Surface	-	Debitage	Flake	Biface Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.8	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	23 Shot 21		Surface	-	Flaked Lithic Tool	Biface	Oval	None	Fragment	Patinated	Aphanitic	SPV	-	-	3.1	2.3	0.8	1	7.9	Shipped	Ditmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	24 Shot 22		Surface	-	Debitage	Flake	Core Reduction	Angular	Primary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	1.5	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	25 Shot 23		Surface	-	Debitage	Flake	Core Reduction	Angular	Secondary	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	2.1	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	26 Shot 24		Surface	-	Debitage	Flake	Biface Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.3	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	27 Shot 25		Surface	-	Debitage	Flake	Core Reduction	Angular	Tertiary	Patinated	Porphyritic, Coarse-Grained	SPV	8-13 mm	-	-	-	1	1.1	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	28 Shot 26		Surface	-	Debitage	Flake	Core Reduction	Angular	Primary	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	4.3	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	29 Shot 27		Surface	-	Debitage	Flake	Biface Reduction	None	Interior	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	3.8	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	30 Shot 28		Surface	-	Flaked Lithic Tool	Flake Tool	Unifacial	None	Complete	Patinated	Porphyritic, Fine-Grained	SPV	-	-	3.4	2.7	0.7	1	5.9	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	31 Shot 29		Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	-	3.9	3.6	1.7	1	25.3	Shipped	Ditmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	32 Shot 30		Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.8	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	33 Shot 31		Surface	-	Core	Core	Test	Angular	Fragment	Patinated	Fractured	MQ	-	-	7.2	4.3	3.4	1	125.1	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	34 Shot 32		Surface	-	Debitage	Flake	Biface Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.4	Step Fracture	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	35 Shot 33		Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	-	3.1	1.5	0.6	1	4.7	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	36 Shot 34		Surface	-	Debitage	Flake	Biface Thinning	None	Interior	Patinated	Porphyritic, Coarse-Grained	SPV	>25 mm	-	-	-	1	3.3	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	37 Shot 35		Surface	-	Debitage	Flake	Biface Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.9	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	38 Shot 36		Surface	-	Debitage	Flake	Edge Prep	Angular	Primary	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	2.4	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	39 Shot 37		Surface	-	Ceramic	Tizon Brown Ware	Undecorated	Body Shield	Not Burned	Unknown	Sedimentary Clay	-	-	-	-	-	1	15.0	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	40 Shot 38		Surface	-	Debitage	Flake	Biface Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.4	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	41 Shot 39		Surface	-	Debitage	Flake	Biface Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.8	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	42 Shot 40		Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	5.0	Possible Blade Fragment	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	43 Shot 41		Surface	-	Debitage	Flake	Alternate	Angular	Secondary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.7	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	44 Shot 42		Surface	-	Debitage	Flake	Biface Thinning	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	3.8	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	
SD-17918	45 Shot 43		Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	14.6	-	Ditmer & Speed (02/18/08)	Office (02/18/08)	-	

CA-SD-17918 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/Function	Material/Specs	Size/Shape	Length(cm)/Shape	Width(cm)/Finish	Thickness(cm)/Up	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Quarried/ Repatriated/ When and Where?
SD-17918	46	Shot 44	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	12.3	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	47	Shot 45	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	12.3	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	48	Shot 46	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	12.3	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	49	Shot 47	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Fractured	SPV	14-25 mm	-	-	-	1	3.9	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	50	Shot 48	Surface	-	Debitage	Flake	Core Reduction	Rounded	Tertiary	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	62.5	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	51	Shot 49	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.8	Shattered	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	52	Shot 50	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.7	Tertiary Percussion Flake	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	53	Shot 51	Surface	-	Debitage	Flake	Margin Removal	None	Interior	Patinated	Porphyritic, Fine-Grained	MQ	8-13 mm	-	-	-	1	1.5	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	54	Shot 52	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	MQ	14-25 mm	-	-	-	1	1.3	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	55	Shot 53	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	16.5	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	56	Shot 54	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.6	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	57	Shot 55	Surface	-	Debitage	Flake	Core Reduction	Rounded	Primary	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.2	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	58	Shot 56	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.2	Shattered, Snap Fractured	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	59	Shot 57	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	8.6	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	60	Shot 58	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	CO	14-25 mm	-	-	-	1	10.4	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	61	Shot 59	Surface	-	Debitage	Flake Tool	Retouched	Angular	Secondary	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	2.7	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	62	Shot 60	Surface	-	Debitage	Flake Tool	Retouched	Angular	Secondary	Patinated	Fractured	SPV	14-25 mm	-	-	-	1	7.1	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	63	Shot 61	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	1.5	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	64	Shot 62	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Undifferentiated	Aphanitic	CO	14-25 mm	-	-	-	1	1.1	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	65	Shot 63	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	0.6	Blade	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	66	Shot 64	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	5.6	Shatter	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	67	Shot 65	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.3	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	68	Shot 66	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	9.0	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	69	Shot 67	Surface	-	Debitage	Flake	Core Reduction	Angular	Secondary	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	3.3	-	Dimmer & Speed (02/18/08)	Office (02/18/08)	-
SD-17918	70	Shot 68	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	1.2	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	71	Shot 69	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	8.9	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	72	Shot 70	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	7.8	Shattered	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	73	Shot 71	Surface	-	Debitage	Flake	Core Reduction	Subrounded	Secondary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	24.6	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	74	Shot 72	Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.6	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	75	Shot 73	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.4	Shattered	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	76	Shot 74	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	1.5	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	77	Shot 75	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.1	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	78	Shot 76	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	CO	14-25 mm	-	-	-	1	2.1	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	79	Shot 77	Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.2	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	80	Shot 78	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	2.7	Relit	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	81	Shot 79	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	7.4	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	82	Shot 80	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.3	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	83	Shot 81	Surface	-	Debitage	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	6.1	Shattered	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	84	Shot 82	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	4.5	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	85	Shot 83	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.4	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	86	Shot 84	Surface	-	Debitage	Flake Tool	Retouched	None	Complete	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	16.6	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	87	Shot 85	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	2	1.6	Relit	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	88	Shot 86	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.2	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	89	Shot 87	Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.2	-	Speed (02/20/08)	Office (02/20/08)	-
SD-17918	90	Shot 88	Surface	-	Debitage	Flake	Flake Thinning	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	0.4	-	Speed (02/20/08)	Office (02/20/08)	-

CA-SDI-17916 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length (cm)/ Shape Function	Width (cm)/ Finish	Thickness (cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Repackaged When and Where?
SDI-17916	91	Shot 81	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.3		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	92	Shot 82	Surface	-	Debitage	Flake	Core Reduction	Angular	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	>25 mm	-	-	-	1	21.3		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	93	Shot 83	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	Angular	Complete	Patinated	Porphyritic, Fine-Grained	SPV	-	6.1	5.3	-	2.2	85.6		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	94	Shot 84	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	0.4		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	95	Shot 84	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.8		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	96	Shot 85	Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.2		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	97	Shot 86	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	1.1		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	98	Shot 87	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	0.8		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	99	Shot 88	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	5.1		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	100	Shot 89	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.8		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	101	Shot 90	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.3		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	102	Shot 90	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.6		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	103	Shot 91	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	104	Shot 92	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	2.6		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	105	Shot 93	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.8		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	106	Shot 94	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	2	2.3		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	107	Shot 94	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	1.2		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	108	Shot 95	Surface	-	Groundstone	Mano	Unifacial	Not Shouldered	Complete	Patinated	Not Packaged	GAB	-	10.8	9	-	4	691.9		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	109	Shot 96	Surface	-	Debitage	Flake	Blade Reduction	Angular	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.6		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	110	Shot 98	Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.1		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	111	Shot 97	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.3		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	112	Shot 98	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	7.3		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	113	Shot 99	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	2.3		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	114	Shot 100	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	Angular	Complete	Patinated	Porphyritic, Fine-Grained	SPV	-	3.5	3.4	-	1.6	14.5		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	115	Shot 101	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Fractured	SPV	14-25 mm	-	-	-	1	1.7		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	116	Shot 101	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.5		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	117	Shot 102	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	>25 mm	-	-	-	1	6.9		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	118	Shot 103	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.4		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	119	Shot 104	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.7		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	120	Shot 104	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.7 Snapped		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	121	Shot 105	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	5.3		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	122	Shot 106	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	4.7		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	123	Shot 107	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	7.2		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	124	Shot 108	Surface	-	Flaked Lithic Tool	Flake Tool	Unifacial	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	3.9	1.5	-	0.5	5.2 Split Refit		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	125	Shot 109	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	1.6		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	126	Shot 110	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	3.6	1.6	-	1.2	7.6 Split		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	127	Shot 111	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.7		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	128	Shot 112	Surface	-	Ceramic	Iron Brown Ware	Ware	Undecorated	Body Sherd	Burned	Unknown	Sedimentary Clay	-	-	-	-	2	10.7		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	129	Shot 113	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	4.8		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	130	Shot 114	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	2	4.7 Refit		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	131	Shot 115	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	0.6 Split		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	132	Shot 116	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Complete	Patinated	Porphyritic, Fine-Grained	SPV	-	3.4	2.5	-	1.6	16.3		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	133	Shot 117	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.8		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	134	Shot 118	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	3.5	2.9	-	1.4	17.5 Heel Fractured		Speed (02/20/08)	Office (02/20/08)	-
SDI-17916	135	Shot 119	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	2	2.9		Speed (02/20/08)	Office (02/20/08)	-

Site	Case	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Repacked When and Where?	
SDI-17916	136	Shot 120	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.6	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	137	Shot 121	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	CO	8-13 mm	-	-	-	1	1.1	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	138	Shot 122	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	5.6	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	139	Shot 123	Surface	-	Consumer	Metal	Can	Container	Base Flap	Not Burned	Church Key	Iron	-	-	-	-	1	17.6	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	140	Shot 124	Surface	-	Debitage	Flake	Edge Prep	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.2	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	141	Shot 125	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	2.6	2.1	-	1.1	9.0	Shipped	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	142	Shot 126	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	6.7	5.9	-	2.5	81.0	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	143	Shot 127	Surface	-	Consumer	Metal	Can	Container	Base Flap	Not Burned	Unknown	Iron	-	-	-	-	1	48.6	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	144	Shot 128	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.1	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	145	Shot 128	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.4	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	146	Shot 125	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Undifferentiated	Patinated	Aphanitic	SPV	-	4.5	2.7	-	0.8	1	1.1 Possible Burned	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	147	Shot 125	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Complete	Patinated	Aphanitic	SPV	-	4.9	3	-	1.3	14.1	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	148	Shot 129	Surface	-	Debitage	Flake	Core Reduction	Angular	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	6.3	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	149	Shot 130	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.4	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	150	Shot 131	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.8	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	151	Shot 131	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Aphanitic	SPV	-	2.8	0.8	-	0.7	1	1.6 Possibly Utilized	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	152	Shot 131	Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.2	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	153	Shot 131	Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.8	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	154	Shot 132	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	7.7	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	155	Shot 133	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	2.5	Shipped	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	156	Shot 133	Surface	-	Debitage	Flake	Core Reduction	Angular	Secondary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	7.5 Split	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	157	Shot 134	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.4	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	158	Shot 135	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	1.4	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	159	Shot 136	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.3	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	160	Shot 137	Surface	-	Flaked Lithic Tool	Blade	Wall Moon	None	Fragment	Patinated	Fractured	MQ	14-25 mm	1.8	1.1	-	0.8	1	1.9	Office	Speed (02/20/08)	(02/20/08)	-
SDI-17916	161	Shot 137	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	2.4	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	162	Shot 137	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.7	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	163	Shot 138	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.6	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	164	Shot 139	Surface	-	Flaked Lithic Tool	Flake Tool	Utilized	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	-	4.1	3.5	-	1.3	15.4	Office	Speed (02/20/08)	(02/20/08)	-	
SDI-17916	165	Shot 140	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	14.8	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	166	Shot 141	Surface	-	Debitage	Flake	Blade Reduction	Angular	Secondary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.1	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	167	Shot 142	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	>25 mm	-	-	-	1	18.2	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	168	Shot 143	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	4.7	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	169	Shot 143	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Aphanitic	SPV	-	3.5	2.6	-	0.7	9.3	Shipped	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	170	Shot 143	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.7	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	171	Shot 144	Surface	-	Core	Core	Unidirectional	Angular	Undifferentiated	Patinated	Fractured	MQ	-	4.4	3.6	-	2.4	1	52.1	Office	Speed (02/21/08)	(02/21/08)	-
SDI-17916	172	Shot 144	Surface	-	Core	Core	Multidirectional	Angular	Undifferentiated	Patinated	Fractured	MQ	-	4.4	4.4	-	2.4	1	38.5	Office	Speed (02/21/08)	(02/21/08)	-
SDI-17916	173	Shot 145	Surface	-	Debitage	Flake	Edge Prep	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.6	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	174	Shot 146	Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.1	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	175	Shot 148	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.4	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	176	Shot 147	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	177	Shot 148	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	6.5	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	178	Shot 149	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.8	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	179	Shot 150	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.7	Office	Speed (02/21/08)	(02/21/08)	-	
SDI-17916	180	Shot 151	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.8	Office	Speed (02/21/08)	(02/21/08)	-	

CA-SDI-17916 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Repatinated When and Where?
SDI-17916	151	Shot 152	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.8	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	162	Shot 153	Surface	-	Debitage	Flake	Blade Reduction	Angular	Tertiary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	163	Shot 153	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.7	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	164	Shot 154	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Tertiary	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	5.4	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	185	Shot 155	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Tertiary	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	8.7	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	186	Shot 156	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	1.3	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	187	Shot 157	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	4.2	Split	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	188	Shot 158	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	4.7	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	189	Shot 159	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Undifferentiated	Patinated	Porphyritic, Fine-Grained	SPV	-	4.8	3.7	2.3	1	48.6	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	190	Shot 160	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	191	Shot 160	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.8	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	192	Shot 161	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.8	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	193	Shot 162	Surface	-	Debitage	Flake	Blade Thinning	Angular	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	194	Shot 163	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	5.6	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	195	Shot 164	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.3	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	196	Shot 165	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	7.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	197	Shot 165	Surface	-	Debitage	Flake	Blade Reduction	Angular	Primary	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.4	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	198	Shot 166	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	2.8	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	199	Shot 167	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Fractured	MQ	>25 mm	-	-	-	1	31.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	200	Shot 168	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.9	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	201	Shot 169	Surface	-	Debitage	Flake	Core Reduction	Rounded	Tertiary	Patinated	Aphanitic	SPV	>25 mm	-	-	-	1	17.2	Distal End of Snapped Flake	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	202	Shot 170	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	2.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	203	Shot 171	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.8	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	204	Shot 171	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	8.9	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	205	Shot 172	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	7.9	Split	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	206	Shot 173	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.1	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	207	Shot 174	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	1.8	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	208	Shot 175	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	MQ	8-13 mm	-	-	-	1	0.3	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	209	Shot 175	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	>25 mm	-	-	-	1	8.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	210	Shot 176	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Not Patinated	Aphanitic	COT	8-13 mm	-	-	-	1	0.3	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	211	Shot 145	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.1	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	212	Shot 177	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	MQ	8-13 mm	-	-	-	1	0.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	213	Shot 177	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	MQ	14-25 mm	-	-	-	1	3.4	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	214	Shot 178	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.4	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	215	Shot 179	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	2.0	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	216	Shot 180	Surface	-	Debitage	Flake	Core Reduction	Rounded	Secondary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	8.8	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	217	Shot 181	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.2	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	218	Shot 182	Surface	-	Core	Core	Unifacial	Rounded	Undifferentiated	Patinated	Aphanitic	SPV	14-25 mm	4.3	3.5	1.7	1	30.4	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	219	Shot 183	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	2	2.4	Ref1	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	220	Shot 184	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	221	Shot 185	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Undifferentiated	Patinated	Porphyritic, Fine-Grained	SPV	-	3.4	3.1	1.3	1	15.6	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	222	Shot 185	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	>25 mm	-	-	-	1	11.2	Possible Platform Grinding Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	223	Shot 185	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.9	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	224	Shot 186	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Secondary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	3	3.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	225	Shot 186	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	9.1	-	Speed (02/21/08)	Office (02/21/08)	-

CA-SDI-17918 CATALOGUE

Site	Call#	Provenance	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length/cm/ Shape Function	Width/cm/ Finish	Thickness/cm/ Lip	Count	Weight (g)	Comments/Marker	Reference and Date	Location and Date	Curated/ Repatinated When and Where?
SDI-17918	226	Shot 186	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Secondary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	13.2	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	227	Shot 187	Surface	-	Debitage	Flake	Brace Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	3.1	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	228	Shot 188	Surface	-	Debitage	Flake	Alternate	Angular	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.3	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	229	Shot 189	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Secondary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	5.7	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	230	Shot 189	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	231	Shot 190	Surface	-	Debitage	Flake	Brace Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	10.7	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	232	Shot 190	Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	2	2.0	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	233	Shot 190	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	234	Shot 190	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	0.4	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	235	Shot 191	Surface	-	Groundstone	Mano	Undeterminable	Not Shouldered	Fragment	Patinated	Not Packed	MQ	-	7.6	4.2	4.2	1	191.1	Possibly Burned	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	236	Shot 192	Surface	-	Debitage	Flake	Brace Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	8.3	Split	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	237	Shot 193	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	4.4	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	238	Shot 194	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	239	Shot 194	Surface	-	Debitage	Flake	Brace Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.7	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	240	Shot 194	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.4	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	241	Shot 195	Surface	-	Debitage	Flake	Brace Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	2	2.8	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	242	Shot 195	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.2	Snapped Very Close to Platform	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	243	Shot 195	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.3	Broken Twice	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	244	Shot 197	Surface	-	Debitage	Flake	Brace Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	5.1	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	245	Shot 197	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	246	Shot 197	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.2	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	247	Shot 198	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	6.8	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	248	Shot 198	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	4-7 mm	-	-	-	1	0.2	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	249	Shot 199	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	250	Shot 199	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	4-7 mm	-	-	-	1	0.2	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	251	Shot 199	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	4.2	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	252	Shot 200	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Aphanitic	SPV	14-25 mm	4.8	3.5	2.2	2	41.0	Reft. Recent Break	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	253	Shot 201	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	4.6	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	254	Shot 202	Surface	-	Debitage	Flake	Core Reduction	Angular	Primary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.3	Snapped and Split	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	255	Shot 202	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	3	1.1	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	256	Shot 202	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	2	3.2	Reft	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	257	Shot 202	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	MQ	14-25 mm	-	-	-	1	2.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	258	Shot 203	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	259	Shot 203	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	5.7	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	260	Shot 204	Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	261	Shot 205	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.5	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	262	Shot 205	Surface	-	Debitage	Flake	Core Reduction	Angular	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	11.2	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	263	Shot 205	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Complete	Patinated	Aphanitic	SPV	-	4.5	3.8	4.5	2	26.7	Refts with 264	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	264	Shot 206	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Complete	Patinated	Aphanitic	SPV	-	4.5	3.8	4.5	1	27.4	Refts with 263	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	265	Shot 206	Surface	-	Debitage	Flake	Brace Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.7	Difference in Patination on Dorsal Surface	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	266	Shot 206	Surface	-	Debitage	Flake	Brace Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	6.7	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	267	Shot 207	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.2	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	268	Shot 208	Surface	-	Debitage	Flake	Edge Prep	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.9	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	269	Shot 208	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	3	1.8	-	Speed (02/21/08)	Office (02/21/08)	-
SDI-17918	270	Shot 208	Surface	-	Debitage	Flake	Brace Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	2	1.3	-	Speed (02/21/08)	Office (02/21/08)	-

CA-SDI-17916 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Repatriated When and Where?
SDI-17916	271	Shot 210	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	Angular	Fragment	Patinated	Aphanitic	SPV	-	5.5	2.1	0.7	1	7.0		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	272	Shot 210	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	1.1		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	273	Shot 211	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	3.0		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	274	Shot 212	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25	-	-	-	1	8.9		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	275	Shot 212	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25	-	-	-	1	5.2		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	276	Shot 212	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	3.6		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	277	Shot 212	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	0.6		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	278	Shot 213	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	6.3	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	279	Shot 214	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Tertiary	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	14.2		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	280	Shot 214	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	1.9		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	281	Shot 215	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.3	Possible Tool Resequenation Flake	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	282	Shot 216	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.1		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	283	Shot 217	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	>25 mm	-	-	-	1	5.5		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	284	Shot 217	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	1.3		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	285	Shot 217	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.9		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	286	Shot 217	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.6		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	287	Shot 218	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	9.2		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	288	Shot 218	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	1.2		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	289	Shot 219	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	1.4		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	290	Shot 220	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	0.6		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	291	Shot 221	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	5.0		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	292	Shot 221	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	0.6		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	293	Shot 222	Surface	-	Debitage	Flake	Blade Reduction	Angular	Secondary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	4.6		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	294	Shot 224	Surface	-	Debitage	Flake	Blade Reduction	Angular	Primary	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	1.4		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	295	Shot 224	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Complete	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	4.2	3.7	1.2	19.0		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	296	Shot 225	Surface	-	Debitage	Flake	Alternate	None	Complete	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	7.8		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	297	Shot 225	Surface	-	Debitage	Flake	Blade Reduction	Angular	Tertiary	Patinated	Fractured	MQ	5-13 mm	-	-	-	1	1.6		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	298	Shot 226	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	2.9	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	299	Shot 226	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.7	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	300	Shot 227	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	>25 mm	-	-	-	1	11.3		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	301	Shot 227	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	4.5		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	302	Shot 228	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.6		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	303	Shot 228	Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.3		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	304	Shot 229	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.3		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	305	Shot 230	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.4		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	306	Shot 230	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	0.7		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	307	Shot 231	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Tertiary	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	4.5		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	308	Shot 232	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	2.0	Snapped	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	309	Shot 233	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	2	3.5	Snapped, Platform Broken	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	310	Shot 234	Surface	-	Core	Core	Unidirectional	None	Undifferentiated	Patinated	Porphyritic, Fine- Grained	SPV	-	3.7	3.7	3.4	1	59.0		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	311	Shot 234	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Interior	Patinated	Aphanitic	SPV	-	2.6	1.3	-	1	3.7	Crushing	Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	312	Shot 234	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	5-13 mm	-	-	-	1	0.5		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	313	Shot 234	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.2		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	314	Shot 235	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.3		Speed (02/21/08)	Office (02/21/08)	-
SDI-17916	315	Shot 236	Surface	-	Debitage	Flake	Blade Reduction	Angular	Tertiary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	5.3		Speed (02/21/08)	Office (02/21/08)	-

CA-SDI-17916 CATALOGUE

Site	Colt	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finest	Thickness(cm)/ Up	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Repatinated When and Where?
SDI-17916	316	Shot 237	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	SPV	14-25 mm	-	-	-	1	5.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	317	Shot 238	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	6.7	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	318	Shot 238	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Aphanitic	SPV	-	2.7	2	0.7	1	4.2	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	319	Shot 238	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	0.2	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	320	Shot 239	Surface	-	Ecofact	Lithic	Rounded Stone	-	-	Not Burned	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	1.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	321	Shot 240	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	1.0	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	322	Shot 240	Surface	-	Debitage	Flake	Blade	Angular	Tertiary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	8.4	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	323	Shot 241	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	324	Shot 241	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.3	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	325	Shot 242	Surface	-	Debitage	Flake	Blade	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	326	Shot 242	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	327	Shot 243	Surface	-	Debitage	Flake	Blade Reduction	Angular	Tertiary	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.3	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	328	Shot 243	Surface	-	Debitage	Flake	Blade Reduction	Angular	Tertiary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.3 Split	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	329	Shot 244	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	3.6	5	3.1	1	2.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	330	Shot 245	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	331	Shot 245	Surface	-	Debitage	Flake	Blade Thinning	Angular	Tertiary	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	4.8	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	332	Shot 247	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.8	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	333	Shot 248	Surface	-	Debitage	Flake	Blade Reduction	Angular	Tertiary	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	2.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	334	Shot 248	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	1.8	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	335	Shot 249	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.7	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	336	Shot 249	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	3.3	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	337	Shot 250	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	>25 mm	-	-	-	1	13.9 Stopped and Snapped	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	338	Shot 250	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.2	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	339	Shot 250	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	3.6 Split	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	340	Shot 250	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	341	Shot 251	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.8	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	342	Shot 252	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	CO	14-25 mm	-	-	-	1	3.0	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	343	Shot 253	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	>25 mm	-	-	-	1	27.9	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	344	Shot 253	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	10.0	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	345	Shot 254	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	4.8 Split	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	346	Shot 255	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.9	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	347	Shot 256	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.7	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	348	Shot 257	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.9	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	349	Shot 258	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Not Patinated	Fractured	SO	14-25 mm	-	-	-	1	2.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	350	Shot 259	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	3	6.7	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	351	Shot 260	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	6.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	352	Shot 260	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	2	5.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	353	Shot 261	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	2.3	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	354	Shot 262	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	2.5 Broken Platform	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	355	Shot 263	Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	1.7 Stopped	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	356	Shot 264	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	6.9	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	357	Shot 265	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.8	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	358	Shot 266	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	>25 mm	-	-	-	1	19.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	359	Shot 267	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	8.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	360	Shot 268	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.5	-	Speed (02/22/08)	Office (02/22/08)	-

CA-SDI-17916 CATALOGUE

Site	Call#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Medicament/ Function	Material/Specs	Size/ Shape	Length(cm)/ Shape	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Repaired/When and Where?
SDI-17916	361	Shot 288	Surface	-	Debitage	Flake	Blade Reduction	Sub-Rounded	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	6.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	362	Shot 289	Surface	-	Debitage	Flake	Blade Reduction	Rounded	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	363	Shot 270	Surface	-	Debitage	Flake	Blade Reduction	Angular	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	5.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	364	Shot 270	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	365	Shot 271	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	Angular	Complete	Patinated	Aphanitic	SPV	-	6	4.2	2	1	67.8	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	366	Shot 272	Surface	-	Flaked Lithic Tool	Flake Tool	Utilized	None	Complete	Patinated	Porphyritic, Fine-Grained	SPV	-	3.4	3.2	1.3	4	15.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	367	Shot 273	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	368	Shot 273	Surface	-	Debitage	Angular Waste	Angular Waste	Rounded	Tertiary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	369	Shot 273	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	>25 mm	-	-	-	1	7.8	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	370	Shot 274	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Undetermined	Patinated	Porphyritic, Fine-Grained	SPV	-	4	2.9	1.2	1	19.8	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	371	Shot 275	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	8.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	372	Shot 276	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	6.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	373	Shot 277	Surface	-	Debitage	Flake	Blade Reduction	Rounded	Tertiary	Patinated	Porphyritic, Coarse-Grained	SPV	14-25 mm	-	-	-	1	9.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	374	Shot 278	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.0	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	375	Shot 279	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	Rounded	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	3.2	2.5	1.4	1	16.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	376	Shot 280	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	2.3	2.1	0.4	1	2.8	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	377	Shot 281	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.2	Shipped	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	378	Shot 282	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	379	Shot 283	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	380	Shot 283	Surface	-	Debitage	Flake	Blade Reduction	Rounded	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.9	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	381	Shot 283	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.9	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	382	Shot 284	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Interior	Patinated	Aphanitic	SPV	-	2.2	1.2	1	1	3.2	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	383	Shot 285	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Interior	Patinated	Aphanitic	SPV	-	3.1	2	0.6	1	5.2	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	384	Shot 286	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	0.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	385	Shot 287	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.9	Split	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	386	Shot 287	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	6.7	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	387	Shot 288	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	3.0	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	388	Shot 288	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	389	Shot 289	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.7	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	390	Shot 290	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	2.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	391	Shot 291	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	5.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	392	Shot 291	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.0	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	393	Shot 291	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	394	Shot 292	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.7	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	395	Shot 293	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.2	Shipped	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	396	Shot 293	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	1.1	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	397	Shot 294	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.1	Shipped	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	398	Shot 294	Surface	-	Debitage	Flake	Core Reduction	Angular	Secondary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	6.3	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	399	Shot 295	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	12.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	400	Shot 296	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Complete	Patinated	Porphyritic, Fine-Grained	SPV	-	3.1	2.3	0.7	1	5.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	401	Shot 297	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.3	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	402	Shot 297	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Porphyritic, Fine-Grained	MQ	8-13 mm	-	-	-	1	0.4	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	403	Shot 298	Surface	-	Debitage	Flake	Undeterminable	Angular	Tertiary	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	404	Shot 299	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (02/22/08)	Office (02/22/08)	-
SDI-17916	405	Shot 300	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	8.3	-	Speed (02/22/08)	Office (02/22/08)	-

CA-SDI-17918 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Cursed/ Reparated When and Where?
SDI-17918	406	Shot 301	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	CO	8-13 mm	-	-	-	1	0.9	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	407	Shot 301	Surface	-	Debitage	Angular Waste	Angular Waste	Rounded	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.7	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	408	Shot 306	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.5	Shot 302-305 Not Surface Artifacts	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	409	Shot 307	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	>25 mm	-	-	-	1	10.1	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	410	Shot 308	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	4.8	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	411	Shot 308	Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.9	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	412	Shot 310	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	Unknown	Green Tint Glass (Pale)	Polygon	Undetermined	Undetermined	-	1	12.3	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	413	Shot 311	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	3.7	2.8	0.9	1	10.2	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	414	Shot 312	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Aphanitic	SPV	-	2	1.8	4.5	1	1.6	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	415	Shot 313	Surface	-	Debitage	Flake	Blade Reduction	Rounded	Tertiary	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	5.7	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	418	Shot 314	Surface	-	Consumer	Glass	Misc	Unknown	Other Frag.	Not Burned	Unknown	Amethyst Glass	Polygon	Undetermined	Undetermined	-	1	1.0	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	417	Shot 315	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	2.7	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	418	Shot 318	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Not Patinated	Fractured	MQ	14-25 mm	-	-	-	1	11.7	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	419	Shot 317	Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.1	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	420	Shot 317	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.5	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	421	Shot 318	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	6.8	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	422	Shot 319	Surface	-	Consumer	Metal	Other	Unknown	Other Frag.	Not Burned	Unknown	Composite	Polygon	Undetermined	Undetermined	-	1	707.9	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	423	Shot 320	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Porphyritic, Fine-Grained	PVC	8-13 mm	-	-	-	1	1.3	Fire Affected	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	424	Shot 321	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine-Grained	SPV	-	3.2	1.6	0.6	1	4.6	Split, Possibly Utilized	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	425	Shot 322	Surface	-	Flaked Lithic Tool	Flake Tool	Utilized	None	Undifferentiated	Patinated	Aphanitic	SPV	-	2.8	1.6	0.6	1	2.4	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	426	Shot 323	Surface	-	Consumer	Ceramic	Container	Other Frag.	Not Burned	Other Feed	Earthenware	Polygon	-	-	-	-	1	22.9	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	427	Shot 324	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Not Patinated	Fractured	CO	8-13 mm	-	-	-	1	1.6	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	428	Shot 325	Surface	-	Furniture Parts	Metal	Other	Hardware	Whole	Not Burned	-	Iron	Other	-	-	-	1	58.7	Decorative Handle?	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	429	Shot 326	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.2	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	430	Shot 327	Surface	-	Groundstone	Mono	Unifacial	Not Shouldered	Complete	Not Burned	Peked	MQ	-	10.8	8.2	5.4	1	757.3	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	431	Shot 328	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	15.0	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	432	Shot 328	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	>25 mm	-	-	-	1	41.4	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	433	Shot 329	Surface	-	Core	Core	Unidirectional	Angular	Undifferentiated	Patinated	Porphyritic, Fine-Grained	SPV	-	5.3	4	3.9	1	88.8	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	434	Shot 330	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	2.6	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	435	Shot 331	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	16.2	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	436	Shot 331	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Aphanitic	SPV	>25 mm	-	-	-	1	10.1	Split	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	437	Shot 332	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.7	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	438	Shot 333	Surface	-	Groundstone	Mono	Bifacial	Not Shouldered	Fragment	Not Burned	Peked	MQ	-	3.1+	5.2	5.1	1	124.5	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	439	Shot 334	Surface	-	Flaked Lithic Tool	Flake Tool	Utilized	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	-	6.1	5.5	2.6	1	85.3	Edge Battering	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	440	Shot 335	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	CO	8-13 mm	-	-	-	1	1.7	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	441	Shot 336	Surface	-	Consumer	Ceramic	Other	Other	Body Frag.	Not Burned	-	Porcelain	Polygon	Undetermined	Undetermined	-	1	3.9	Dish Base	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	442	Shot 337	Surface	-	Consumer	Glass	Misc.	Unknown	Other Frag.	Not Burned	Unknown	Amethyst Glass	Other	Undetermined	Undetermined	-	1	5.3	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	443	Shot 338	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Not Patinated	Fractured	CO	4-7 mm	-	-	-	1	0.1	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	444	Shot 339	Surface	-	Kitchen Building Materials	Ceramic	Unknown	Tile/Brick	Body Frag.	Not Burned	-	Ironware	Polygon	-	-	-	1	3.4	Rim Shard	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	445	Shot 340	Surface	-	Building Materials	Ceramic	Insulator	Hardware	Other Frag.	Not Burned	-	Porcelain	Other	-	-	-	1	4.7	Maker's Mark "PP INC"	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	446	Shot 341	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	447	Shot 342	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	448	Shot 343	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	Beverage	Aqua Glass	Round	Undetermined	Undetermined	-	1	20.9	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	449	Shot 344	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	11.4	-	Speed (02/23/08)	Office (02/23/08)	-
SDI-17918	450	Shot 345	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	7.2	-	Speed (02/23/08)	Office (02/23/08)	-

CA-SDI-17916 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/Function	Material/Species	Size/Shape	Length/cm/Shape/Function	Width/cm/Finish	Thickness/cm/Up	Count	Weight (g)	Comments/Marker	Reference and Date	Location and Date	Curated/Repatriated When and Where?
SDI-17916	451	Shot 346	Surface	-	Kitchen	Ceramic	Unknown	Tableware	Body Frag.	Not Burned	-	Ironware	Polygon	-	-	-	1	22.5	Possible Platter Frag.	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	452	Shot 347	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Periphytic, Fine-Grained	SPV	14-25 mm	-	-	-	1	6.1	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	453	Shot 347	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.7	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	454	Shot 348	Surface	-	Intrusive	Intrusive	Gravel	-	-	-	-	-	-	-	-	-	1	10.8	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	455	Shot 349	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Periphytic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.0	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	456	Shot 350	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Periphytic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.3	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	457	Shot 351	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	13.1	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	458	Shot 352	Surface	-	Debitage	Flake	Blade Reduction	Rounded	Tertiary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	7.9	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	459	Shot 353	Surface	-	Consumer	Glass	Unknown	Unknown	Other Frag.	Not Burned	Unknown	Clear Glass	Polygon	Undetermined	Undetermined	-	1	1.0	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	460	Shot 353	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.2	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	461	Shot 354	Surface	-	Consumer	Glass	Unknown	Unknown	Other Frag.	Not Burned	Unknown	Clear Glass	Polygon	Undetermined	Undetermined	-	1	1.1	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	462	Shot 354	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	Unknown	Amber Glass	Round	Undetermined	Undetermined	-	1	84.4	Maker's Mark "MQ" One Quart	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	463	Shot 355	Surface	-	Debitage	Flake	Core Reduction	Angular	Tertiary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.7	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	464	Shot 356	Surface	-	Debitage	Angular Waste	Angular Waste	Sub-Rounded	Primary	Patinated	Periphytic, Fine-Grained	SPV	>25 mm	-	-	-	1	10.3	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	465	Shot 357	Surface	-	Livory Items	Metal	Horse shoe	Hardware	Other Frag.	Not Burned	-	Iron	Other	-	-	-	1	64.9	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	466	Shot 358	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	467	Shot 359	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Periphytic, Fine-Grained	SPV	14-25 mm	-	-	-	1	5.8	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	468	Shot 360	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Periphytic, Fine-Grained	SPV	14-25 mm	-	-	-	1	1.6	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	469	Shot 361	Surface	-	Consumer	Glass	Other	Unknown	Other Frag.	Not Burned	Unknown	Privacy Glass	Polygon	Undetermined	Undetermined	-	1	5.6	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	470	Shot 362	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	>25 mm	-	-	-	1	8.0	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	471	Shot 363	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.8	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	472	Shot 364	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.2	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	473	Shot 365	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Periphytic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.2	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	474	Shot 366	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	1.4	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	475	Shot 367	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.1	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	476	Shot 368	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Periphytic, Fine-Grained	MQ	8-13 mm	-	-	-	1	0.2	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	477	Shot 369	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	0.9	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	478	Shot 370	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Periphytic, Fine-Grained	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	479	Shot 371	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	480	Shot 372	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.0	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	481	Shot 373	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Not Patinated	Fractured	MQ	4-7 mm	-	-	-	1	0.1	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	482	Shot 374	Surface	-	Debitage	Flake	Blade Thinning	Angular	Tertiary	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.0	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	483	Shot 375	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	9.8	Snapped	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	484	Shot 376	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	485	Shot 377	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Tertiary	Patinated	Fractured	MQ	>25 mm	-	-	-	1	20.5	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	486	Shot 378	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	487	Shot 379	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Aphanitic	SPV	-	2.1	0.9	0.7	1	1.6	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	488	Shot 380	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	0.3	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	489	Shot 381	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Aphanitic	SPV	-	3	1.7	0.8	1	4.8	Edge Battering	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	490	Shot 382	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Periphytic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.3	SpH	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	491	Shot 383	Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	492	Shot 384	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	0.3	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	493	Shot 385	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	1.0	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	494	Shot 386	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Periphytic, Fine-Grained	SPV	-	3.4	2.5	1	1	7.2	-	Speed (02/25/08)	Office (02/25/08)	-
SDI-17916	495	Shot 387	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	1.7	-	Speed (02/25/08)	Office (02/25/08)	-

CA-SDI-17916 CATALOGUE

Site	Case	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Repacked When and Where?	
SDI-17916	496	Shot 388	Surface	-	Debitage	Flake	Alternate	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.5	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	497	Shot 388	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	2.2	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	498	Shot 390	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.2	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	499	Shot 391	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	4.6	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	500	Shot 392	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	0.7	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	501	Shot 393	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	5.0	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	502	Shot 394	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	1.9	Snapped	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	503	Shot 395	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	504	Shot 396	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.1	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	505	Shot 397	Surface	-	Debitage	Flake	Core Reduction	Rounded	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.3	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	506	Shot 398	Surface	-	Flaked Lithic Tool	Flake Tool	Utilized	None	Complete	Patinated	Porphyritic, Fine- Grained	SPV	-	4.1	3.2	-	1.1	15.3	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	507	Shot 398	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Porphyritic, Fine- Grained	SPV	-	3.6	3.2	-	1.4	11.6	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	508	Shot 400	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	9.5	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	509	Shot 401	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	5.7	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	510	Shot 402	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	7.1	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	511	Shot 403	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	0.5	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	512	Shot 404	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	513	Shot 405	Surface	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Fragment	Patinated	Aphanitic	SPV	-	2.8	1.4	-	0.8	3.1	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	514	Shot 406	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	0.8	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	515	Shot 407	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	1.9	-	Speed (02/26/08)	Office (02/25/08)	-	
SDI-17916	516	Shot 408	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	3.5	-	Speed (02/25/08)	Office (02/25/08)	-	
SDI-17916	517	Shot 409	Surface	-	Debitage	Flake	Core Reduction	Rounded	Tertiary	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	2.6	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	518	Shot 410	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	3.7	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	519	Shot 411	Surface	-	Flaked Lithic Tool	Flake Tool	Utilized	None	Complete	Patinated	Porphyritic, Fine- Grained	SPV	-	4.5	3.8	-	1	21.0	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	520	Shot 412	Surface	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	0.1	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	521	Shot 413	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.9	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	522	Shot 414	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	5.3	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	523	Shot 415	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	524	Shot 416	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	9.0	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	525	Shot 417	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	2.4	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	526	Shot 418	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	0.5	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	527	Shot 419	Surface	-	Debitage	Flaked Lithic Tool	Flake Tool	Scraper	None	Complete	Patinated	Aphanitic	SPV	-	5.3	5	-	2.4	68.5	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	528	Shot 420	Surface	-	Debitage	Flake	Edge Prep	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	0.2	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	529	Shot 420	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	1.2	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	530	Shot 421	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.5	Snapped and Split	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	531	Shot 422	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.1	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	532	Shot 423	Surface	-	Debitage	Flake	Margin Removal	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	8.5	Platform Grinding	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	533	Shot 424	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.3	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	534	Shot 425	Surface	-	Debitage	Angular Waste	Angular Waste	Angular	Tertiary	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	13.8	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	535	Shot 426	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	15.2	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	536	Shot 427	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	2.6	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	537	Shot 428	Surface	-	Intrusive	Intrusive	Gravel	-	-	-	-	-	-	-	-	-	1	23.2	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	538	Shot 428	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	6.6	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	539	Shot 430	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	8-13 mm	-	-	-	1	0.8	-	Speed (02/25/08)	Office (02/26/08)	-	
SDI-17916	540	Shot 431	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine- Grained	SPV	14-25 mm	-	-	-	1	9.8	-	Speed (02/25/08)	Office (02/26/08)	-	

CA-SOI-17916 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Repatinated When and Where?
SDI-17916	541	Shot 432	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.9	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	542	Shot 433	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	2	3.2	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	543	Shot 434	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	8.3	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	544	Shot 435	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	4.9	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	545	Shot 436	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.6	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	546	Shot 437	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	2.2	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	547	Shot 438	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	548	Shot 439	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.8	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	549	Shot 440	Surface	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	550	Shot 440	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	>25 mm	-	-	-	1	23.0	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	551	Shot 441	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	0.8	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	552	Shot 442	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	1.1	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	553	Shot 443	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.1	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	554	Shot 444	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.1	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	555	Shot 444	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.9	Spill	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	556	Shot 445	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine-Grained	SPV	14-25 mm	-	-	-	1	3.6	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	557	Shot 446	Surface	-	Flaked Lithic Tool	Projectile Point	Desert Site	Notched	None	Fragment	Not Burned	Aphanitic	OBO?	-	1.0	1.2	3	0.5	Missing Base	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	558		Surface	-	Groundstone	Meno	Unfacial	Not Shouldered	Complete	Not Burned	Packed	ECV	-	10.7	7	4.9	1	575.8	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	559	STP ON/OE	0-10 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	2	1.0	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	560	STP ON/OE	0-10 cm	-	Debitage	Flake	Core Reduction	Angular	Primary	Patinated	Porphyritic, Fine-Grained	SPV	8-13 mm	-	-	-	1	1.2	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	561	STP ON/OE	10-20 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	4-7 mm	-	-	-	1	0.1	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	562	STP ON/OE	0-10 cm	-	Debitage	Flake	Undeterminable	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	2	0.2	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	563	STP ON/OE	10-20 cm	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	0.9	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	564	STP ON/OE	0-10 cm	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.1	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	565	STP ON/OE	0-10 cm	-	Flaked Lithic Tool	Flake Tool	Retouched	None	Interior	Patinated	Aphanitic	SPV	-	3.1	3	0.5	1	5.1	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	566	STP 30S/170W	0-10 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.5	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	567	STP 40S/170W	0-10 cm	-	Consumer	Glass	Misc.	Unknown	Other Fragg.	Not Burned	Unknown	Clear Glass	Polygon	Undetermined	Undetermined	-	1	0.8	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	568	Unit 1	0-10 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	4	3.7	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	569	Unit 1	0-10 cm	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	570	Unit 1	10-20 cm	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	571	Eroded Area	Surface	-	Soil	Soil Sample	-	-	-	-	-	-	-	-	-	-	-	-	7.5 YR 3/3 dark brown	Speed (02/25/08)	Office (02/26/08)	-
SDI-17916	572	Shot 217	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.4	-	-	-	-

CA-SD-17915 CATALOGUE

Site	Case	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/Function	Material/Species	Size/Shape	Length(cm)/Shape Function	Width(cm)/Finish	Thickness(cm)/Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curator/ Repatriated When and Where?
SD-17915	1	Shot 1	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	5-13 mm	-	-	-	1	6.3	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	2	Shot 2	Surface	-	Debitage	Flake	Core Reduction	Rounded	Tertiary	Patinated	Fractured	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	1	3.8	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	3	Shot 2	Surface	-	Building Material	Metal	Wire/Chain	-	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	13.5	Sentry	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	4	Shot 3	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	1.8	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	5	Shot 4	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.1	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	6	Shot 5	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.6	Crushing	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	7	Shot 6	Surface	-	Debitage	Flake	Edge Prep	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.2	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	8	Shot 7	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Aqua Glass	Polygon	-	-	-	1	1.0	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	9	Shot 8	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	5-13 mm	-	-	-	1	3.4	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	10	Shot 8	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Aphanitic	SPV	5-13 mm	-	-	-	1	0.8	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	11	Shot 9	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	1.9	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	12	Shot 10	Surface	-	Consumer	Ceramic	Crock	Container	Body Frag.	Not Burned	-	Earthenware	-	-	-	-	1	1.4	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	13	Shot 11	Surface	-	Debitage	Flake	Margin Removal	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	5-13 mm	-	-	-	1	2.8	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	14	Shot 12	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	4-7 mm	-	-	-	1	0.1	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	15	Shot 13	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	>25 mm	-	-	-	1	18.3 g	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	16	Shot 14	Surface	-	Building Material	Ceramic	Insulator	Hardware	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	16.0	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	17	Shot 15	Surface	-	Consumer	Metal	Can	Container	Base Frag.	Not Burned	-	Iron	-	-	-	-	1	21.7	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	18	Shot 15	Surface	-	Consumer	Munitions and Arms	Munitions	Other	Other	Whole	-	Brass/Copper	-	-	-	-	1	11.2	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	19	Shot 16	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	6.1	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	20	Shot 16	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	1.0	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	21	Shot 17	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	2.6	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	22	Shot 17	Surface	-	Automotive	Glass	Windshield	Other	Other Frag.	Not Burned	Other	Safety Glass	-	-	-	-	1	0.9	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	23	Shot 17	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Amber Glass	-	-	-	-	1	1.9	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	24	Shot 18	Surface	-	Consumer	Glass	Bottle	Container	Finish Frag.	Not Burned	-	Clear Glass	-	-	-	Wide Mouth B	2	7.6	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	25	Shot 18	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	0.8	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	26	Shot 19	Surface	-	Consumer	Glass	Bottle	Container	Finish Frag.	Not Burned	-	Clear Glass	-	-	-	Wide Mouth B	1	4.2	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	27	Shot 19	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	4.2	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	28	Shot 20	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Aqua Glass	-	-	-	-	3	4.8	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	29	Shot 20	Surface	-	Consumer	Glass	Bottle	Container	Finish Frag.	Not Burned	-	Clear Glass	-	-	-	Wide Mouth B	2	8.3	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	30	Shot 20	Surface	-	Consumer	Ceramic	Other	Container	Other Frag.	Not Burned	-	Earthenware	-	-	-	-	1	0.7	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	31	Shot 21	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Aqua Glass	-	-	-	-	4	31.3 "A"	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	32	Shot 22	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	5.5	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	33	Shot 23	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Aqua Glass	-	-	-	-	5	9.5	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	34	Shot 23	Surface	-	Consumer	Metal	Can	Container	Base Frag.	Not Burned	-	Iron	-	-	-	-	1	0.6	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	35	Shot 24	Surface	-	Consumer	Metal	Bottlecap	Other	Whole	Not Burned	Beverage	Iron	-	-	-	-	1	2.9	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	36	Shot 25	Surface	-	Building Material	Metal	Wire/Chain	-	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	5.5	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	37	Shot 25	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	-	-	-	-	5	49.0	Maker's Mark "CHERAM"	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	38	Shot 26	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	-	-	-	-	4	24.7	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	39	Shot 27	Surface	-	Building Material	Ceramic	Insulator	Hardware	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	19.2	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	40	Shot 27	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Clear Glass	-	-	-	-	2	8.8	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	41	Shot 28	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	-	-	-	-	2	10.4	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	42	Shot 29	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Clear Glass	-	-	-	-	3	16.2	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	43	Shot 30	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	Polygon	-	-	-	6	17.2	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	44	Shot 30	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Body Frag.	Not Burned	-	Stoneware	-	-	-	-	1	2.6	-	Speed (02/26/08)	Office (02/26/08)	-
SD-17915	45	Shot 31	Surface	-	Building Material	Ceramic	Insulator	Hardware	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	45.0 "NN", "S1"	-	Speed (02/26/08)	Office (02/26/08)	-

CA-SDI-17918 CATALOGUE

Site	Card	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Cursed/ Reparated When and Where?
SDI-17918	46	Shot 31	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	20.2	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	47	Shot 32	Surface	-	Building Material	Ceramic	Insulator	Hardware	Other Frag	Not Burned	-	Porcelain	-	-	-	-	1	41.4	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	48	Shot 33	Surface	-	Intrusive Building Material	Ceramic	Insulator	Hardware	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	24.7	Gallo Wine Cap and Partial Bottle Neck	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	49	Shot 34	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	Round	-	-	-	1	287.8	23.1" x 1.4"	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	50	Shot 35	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	5.1	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	51	Shot 36	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Ametyst Glass	-	-	-	-	1	9.0	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	52	Shot 37	Surface	-	Hardware	Metal	Bolt/Nut/Screw	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	22.8	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	53	Shot 38	Surface	-	Hardware	Metal	Nail	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	8	14.5	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	54	Shot 39	Surface	-	Hardware	Metal	Nail	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	7.7	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	55	Shot 39	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	8-13 mm	-	-	-	1	2.7	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	56	Shot 40	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	7.0	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	57	Shot 40	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	2.0	-	Speed (02/26/08)	Office (02/26/08)	-
SDI-17918	58	Shot 40	Surface	-	Automobile	Rubber	Other	Other	Other Frag.	Not Burned	-	Rubber	-	-	-	-	1	1.7	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	60	Shot 41	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Green Glass	-	-	-	-	1	7.7	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	61	Shot 41	Surface	-	Building Material	Metal	Nail	Hardware	Other Frag.	Not Burned	-	Iron	-	-	-	-	3	1.6	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	62	Shot 41	Surface	-	Building Material	Glass	Window	Flat Glass	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	30	21.8	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	63	Shot 42	Surface	-	Building Material	Metal	Nail	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	2.4	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	64	Shot 42	Surface	-	Consumer	Metal	Can	Container	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	1.0	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	65	Shot 42	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	>25 mm	-	-	-	2	82.9	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	66	Shot 43	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	0.6	Possible backpiece of light	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	67	Shot 43	Surface	-	Household Items	Composite Item	Light Bulb	Other	Other Frag.	Not Burned	-	Composite	-	-	-	-	1	7.8	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	68	Shot 44	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Clear Glass	-	-	-	-	8	19.0	"FalloCa"	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	69	Shot 45	Surface	-	Building Material	Brick	Other	Other	Other Frag.	Not Burned	-	Brick	-	-	-	-	1	45.0	area. 1 Sample Collected	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	70	Shot 46	Surface	-	Consumer	Composite Item	Bottle	Container	Finish Frag	Not Burned	-	Composite	-	-	-	-	1	35.1	Neck Frag and Cap Still Attached	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	71	Shot 46	Surface	-	Consumer	Glass	Bottle	Container	Base Frag	Not Burned	-	Clear Glass	Round	-	-	-	1	41.5	"Durafit" 7.1 7"	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	72	Shot 48	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Clear Glass	Round	-	-	-	4	6.5	"WAR"	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	73	Shot 48	Surface	-	Hardware	Metal	Bolt/Nut/Screw	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	87.3	U-Bolt	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	74	Shot 49	Surface	-	Building Material	Metal	Nail	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	1.9	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	75	Shot 47	Surface	-	Building Material	Plaster	Other	Other	Other Frag.	Not Burned	-	Plaster	-	-	-	-	1	71.8	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	76	Shot 47	Surface	-	Consumer	Metal	Can	Container	Base Frag.	Not Burned	-	Church-Key Porphyritic Fine Grained	Iron	14-25 mm	-	-	1	13.2	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	77	Shot 48	Surface	-	Debitage	Flake	Cone Reduction	Angular	Tertiary	Patinated	-	SPV	-	-	-	-	1	6.2	-	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	78	Shot 49	Surface	-	Building Material	Metal	Other	Hardware	Whole	Not Burned	-	Brass/Copper	-	-	-	-	1	84.4	Lock Cylinder	Speed (03/03/08)	Office (03/03/08)	-
SDI-17918	79	Shot 50	Surface	-	Tools	Metal	Wrench	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	1	210.7	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	80	Shot 51	Surface	-	Agriculture implements	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	423.8	Back Hoe Tooth	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	81	Shot 52	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Whole	Not Burned	-	Iron	-	-	-	-	1	111.4	Metal Knob?	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	82	Shot 53	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	2.3	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	83	Shot 53	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	230.8	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	84	Shot 54	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Clear Glass	Round	-	-	-	1	11.1	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	85	Shot 54	Surface	-	Undentifiable Items	Plastic	Plastic	-	-	Not Burned	-	Plastic	-	-	-	-	2	0.9	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	86	Shot 54	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag.	Burned	-	Aluminum	-	-	-	-	1	10.3	Melted Aluminum	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	87	Shot 54	Surface	-	Livery Remn	Metal	Horseshoe	Other	Whole	Not Burned	-	Aluminum	-	-	-	-	3	183.7	Aluminum Racing Shoes	Speed (03/04/08)	Office (03/04/08)	-

CA-SDI-17918 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape/ Function	Width(cm)/ Finish	Thickness(cm)/ Lb	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curtail/ Reprinted When and Where?
SDI-17918	88	Shot 55	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Whole	Not Burned	-	Iron	-	-	-	-	2	104.8	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	89	Shot 55	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	1	4.8	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	90	Shot 55	Surface	-	Livory Item	Metal	Buckle	Other	Whole	Not Burned	-	Brass/Copper	-	-	-	-	1	36.4	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	91	Shot 56	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Aqua Glass	-	-	-	-	7	37.9	Trademark R	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	92	Shot 56	Surface	-	Consumer Subsiding Material	Glass	Bottle	Container	Body Frag	Not Burned	-	Beverage	Clear Glass	Round	Soda/Beer	-	8	25.6	Dr. Pepper Bottle	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	93	Shot 57	Surface	-	Composite Item	Composite	Insulator	Other	Whole	Not Burned	-	Composite	-	-	-	-	1	87.1	Insulator with Wires	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	94	Shot 58	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Aqua Glass	-	-	-	-	3	25.6	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	95	Shot 58	Surface	-	Building Material	Metal	Nut	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	8	14.4	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	96	Shot 58	Surface	-	Consumer	Glass	Bottle	Container	Finish Frag	Not Burned	-	Clear Glass	-	-	Grown	-	4	16.0	Unidentifiable Writing	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	97	Shot 59	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Aqua Glass	-	-	-	-	2	18.5	Unidentifiable Writing	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	98	Shot 59	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Clear Glass	-	-	-	-	1	7.8	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	99	Shot 59	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	1	44.1	Possible Part of Chain	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	100	Shot 59	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Clear Glass	-	-	-	-	1	0.3	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	101	Shot 60	Surface	-	Building Material	Concrete	Other	Other	Other Frag	Not Burned	-	Concrete	-	-	-	-	1	190.2	25+ Pieces in 2m Area, 1 Sample Collected	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	102	Shot 61	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	1	14.5	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	103	Shot 62	Surface	-	Building Material	Composite Item	Insulator	Other	Whole	Not Burned	-	Composite	-	-	-	-	1	57.4	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	104	Shot 63	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Aqua Glass	-	-	-	-	1	12.1	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	105	Shot 64	Surface	-	Building Material	Composite Item	Insulator	Other	Whole	Not Burned	-	Composite	-	-	-	-	1	88.5	Insulator with Wires, "KNOX" 1/2"	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	106	Shot 65	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Amethyst Glass	-	-	-	-	1	4.5	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	107	Shot 66	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	2	9.6	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	108	Shot 67	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	5	21.1	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	109	Shot 67	Surface	-	Building Material	Metal	Wire/Chain	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	2	30.7	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	110	Shot 68	Surface	-	Building Material	Ceramic	Insulator	Other	Whole	Not Burned	-	Porcelain	-	-	-	-	1	53.0	KNOX 1/2"	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	111	Shot 69	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Amethyst Glass	-	-	-	-	2	3.4	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	112	Shot 70	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Olive Green Glass	-	-	-	-	1	4.6	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	113	Shot 71	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Olive Green Glass	-	-	-	-	1	6.4	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	114	Shot 72	Surface	-	Consumer	Glass	Bottle	Container	Base Frag	Not Burned	-	Clear Glass	Round	14-25 mm	-	-	1	15.0	Maker's Mark "WELL"	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	115	Shot 73	Surface	-	Debitage	Flake	Surface Reduction	None	Interior	Patinated	-	Porphyric, Fine Grained	SPV	14-25 mm	-	-	1	5.5	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	116	Shot 74	Surface	-	Debitage	Flake	Surface Reduction	None	Interior	Patinated	-	Aphanitic	SPV	14-25 mm	-	-	1	3.2	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	117	Shot 75	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	4	10.9	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	118	Shot 75	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Amethyst Glass	-	-	-	-	2	32.6	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	119	Shot 76	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	1	3.8	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	120	Shot 77	Surface	-	Debitage	Flake	Surface Reduction	None	Interior	Patinated	-	Aphanitic	SPV	5-13 mm	-	-	1	0.5	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	121	Shot 78	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Cobalt Blue Glass	-	-	-	-	1	1.8	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	122	Shot 76	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Green Glass	-	-	-	-	1	1.8	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	123	Shot 78	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	1	0.3	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	124	Shot 79	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Clear Glass	-	-	-	-	1	1.3	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	125	Shot 79	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag	Not Burned	-	Earthenware	-	-	-	-	2	29.8	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	126	Shot 80	Surface	-	Consumer	Metal	Can	Container	Base Frag	Not Burned	-	Hole in Top	Iron	-	-	-	1	12.8	-	Speed (03/04/08)	Office (03/04/08)	-
SDI-17918	127	Shot 80	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	3	5.0	-	Speed (03/04/08)	Office (03/04/08)	-

CA-SD-17918 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length/cm/ Shape Function	Width/cm/ Finish	Thickness/cm/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Data	Curated/ Rehabilitated When?
SD-17918	128	Shot 81	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	6.1	Franciscan Dinnerware	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	129	Shot 82	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	1.8	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	130	Shot 82	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	1.3	Decaled	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	131	Shot 82	Surface	-	Unidentified Metal Frag.	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	2	4.4	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	132	Shot 83	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	3.1	Decaled	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	133	Shot 83	Surface	-	Unidentified Metal Frag.	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	118.6	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	134	Shot 83	Surface	-	Building Material	Metal	Nail	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	5.6	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	135	Shot 83	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	1.2	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	136	Shot 83	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aque Glass	-	-	-	-	1	5.7	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	137	Shot 84	Surface	-	Unidentified Metal Frag.	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	8	5.7	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	138	Shot 84	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	Round	-	-	-	2	15.8	"80" "2B" "3542-C"	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	139	Shot 85	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	4.8	Decaled	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	140	Shot 85	Surface	-	Unidentified Item	Ceramic	Other	Other	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	6.0	White	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	141	Shot 85	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aque Glass	-	-	-	-	1	1.8	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	142	Shot 85	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	3.2	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	143	Shot 86	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amethyst Glass	-	-	-	-	1	0.5	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	144	Shot 87	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amethyst Glass	-	-	-	-	1	2.8	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	145	Shot 88	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Beverage	Clear Glass	Round	Soda/Beer	-	1	24.8	"COLA BT"	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	146	Shot 89	Surface	-	Unidentified Item	Ceramic	Other	Other	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	5.7	White	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	147	Shot 89	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aque Glass	-	-	-	-	2	5.2	-	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	148	Shot 89	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	15.6	Franciscan Dinnerware	Speed (03/04/08)	Office (03/04/08)	-
SD-17918	149	Shot 89	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amethyst Glass	-	-	-	-	1	1.7	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	150	Shot 90	Surface	-	Building Material	Composite Item	Insulator	Other	Whole	Not Burned	-	Composite	-	-	-	-	1	55.8	Insulator and Wire, "KNOX" "5 1/2"	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	151	Shot 90	Surface	-	Consumer	Metal	Can	Container	Base Frag.	Not Burned	-	Church-Key	Iron	-	-	-	1	18.0	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	152	Shot 90	Surface	-	Consumer	Glass	Bottle	Container	Finish Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	20.6	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	153	Shot 90	Surface	-	Consumer	Glass	Jar	Container	Base Frag.	Not Burned	-	Food	Clear Glass	-	-	-	1	24.1	"BES" "FOOD" "REGISTER"	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	154	Shot 90	Surface	-	Unidentified Item	Ceramic	Other	Other	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	0.6	Decaled	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	155	Shot 91	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aque Glass	-	-	-	-	2	1.2	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	156	Shot 91	Surface	-	Heavy Item	Metal	Horseshoe	Other	Whole	Not Burned	-	Iron	-	-	-	-	1	83.9	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	157	Shot 92	Surface	-	Unidentified Item	Glass	Other	Other	Other Frag.	Not Burned	-	Aque Glass	-	-	-	-	2	3.1	Possible Lamp Part	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	158	Shot 92	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Burned	-	Clear Glass	-	-	-	-	1	1.9	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	159	Shot 92	Surface	-	Unidentified Item	Ceramic	Other	Other	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	1.1	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	160	Shot 92	Surface	-	Kitchen	Ceramic	Bowl	Tableware	Other Frag.	Burned	-	Stoneware	-	-	-	-	6	21.3	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	161	Shot 92	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	2	2.0	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	162	Shot 92	Surface	-	Unidentified Item	Ceramic	Other	Other	Other Frag.	Burned	-	Stoneware	-	-	-	-	4	15.2	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	163	Shot 93	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Earthenware	-	-	-	-	1	3.1	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	164	Shot 93	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	2	1.6	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	165	Shot 93	Surface	-	Unidentified Item	Ceramic	Other	Other	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	9.5	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	166	Shot 93	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	19.7	Franciscan Dinnerware	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	167	Shot 94	Surface	-	Consumer	Glass	Bottle	Container	Finish Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	2.6	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	168	Shot 94	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amber Glass	-	-	-	-	1	2.4	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	169	Shot 94	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	3.8	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	170	Shot 94	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Milk Glass	-	-	-	-	1	2.6	-	Speed (03/05/08)	Office (03/05/08)	-
SD-17918	171	Shot 95	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	14.7	Franciscan Dinnerware	Speed (03/05/08)	Office (03/05/08)	-

CA-SDI-17918 CATALOGUE

Site	Date	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/Function	Material/Species	Size/Shape	Length(cm)/Shape/Function	Width(cm)/Finish	Thickness(cm)/Up	Count	Weight(g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Reinstated When and Where?
SDI-17918	172	Shot 95	Surface	-	Undentifiable Items	Ceramic	Other	Other	Other Frag	Not Burned	-	Earthenware	-	-	-	-	1	0.6	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	173	Shot 95	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag	Not Burned	-	Aluminum	-	-	-	-	1	60.7	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	174	Shot 96	Surface	-	Debtage	Flake	Blade Reduction	None	Interior	Patinated	-	Aphanitic	SPV	8-13 mm	-	-	1	2.5	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	175	Shot 96	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	1	1.2	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	176	Shot 96	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Olive Green Glass	-	-	-	-	1	21.9	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	177	Shot 97	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	2	32.7	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	178	Shot 98	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	1	2.0	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	179	Shot 98	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Cobalt Blue Glass	-	-	-	-	1	0.8	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	180	Shot 98	Surface	-	Undentifiable Items	Ceramic	Other	Other	Other Frag	Not Burned	-	Stoneware	-	-	-	-	1	2.0	Glazed	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	181	Shot 98	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Olive Green Glass	-	-	-	-	1	4.0	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	182	Shot 99	Surface	-	Debtage	Flake	Blade Reduction	None	Interior	Patinated	-	Aphanitic	SPV	8-13 mm	-	-	1	4.0	Split	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	183	Shot 100	Surface	-	Consumer	Glass	Jar	Container	Finish Frag	Not Burned	-	Clear Glass	-	-	-	Large Thread	1	11.5	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	184	Shot 101	Surface	-	Debtage	Flake	Blade Thinning	None	Interior	Patinated	-	Periphytic, Fine Grained	SPV	8-13 mm	-	-	1	0.4	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	185	Shot 101	Surface	-	Debtage	Angular Waste	Angular Waste	None	Interior	Patinated	-	Periphytic, Fine Grained	MQ	4-7 mm	-	-	1	0.2	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	186	Shot 102	Surface	-	Debtage	Flake	Blade Reduction	None	Interior	Patinated	-	Fractured	MQ	8-13 mm	-	-	1	0.3	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	187	Shot 103	Surface	-	Building Material	Glass	Window	Other	Other Frag	Not Burned	-	Clear Glass	-	-	-	-	1	4.5	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	188	Shot 104	Surface	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag	Not Burned	-	Iron	-	-	-	-	1	2.8	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	189	Shot 104	Surface	-	Debtage	Flake	Early Pressure	None	Interior	Patinated	-	Aphanitic	SPV	4-7 mm	-	-	1	0.1	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	190	Shot 104	Surface	-	Debtage	Flake	Core Reduction	Angular	Secondary	Patinated	-	Periphytic, Fine Grained	SPV	14-25 mm	-	-	2	6.0	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	191	Shot 105	Surface	-	Debtage	Flake	Blade Reduction	None	Interior	Patinated	-	Periphytic, Fine Grained	SPV	8-13 mm	-	-	1	0.5	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	192	Shot 106	Surface	-	Debtage	Flake	Edge Prep	None	Interior	Patinated	-	Aphanitic	SPV	8-13 mm	-	-	1	0.5	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	193	Shot 107	Surface	-	Debtage	Flake	Blade Reduction	None	Interior	Patinated	-	Periphytic, Fine Grained	SPV	14-25 mm	-	-	1	1.7	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	194	Shot 108	Surface	-	Debtage	Flake	Blade Reduction	None	Interior	Patinated	-	Periphytic, Fine Grained	SPV	8-13 mm	-	-	1	0.8	Shattered	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	195	Shot 109	Surface	-	Debtage	Flake	Blade Reduction	None	Interior	Patinated	-	Periphytic, Fine Grained	SPV	14-25 mm	-	-	1	5.6	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	196	Shot 109	Surface	-	Building Material	Metal	Spike	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	162.9	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	197	Shot 110	Surface	-	Kitchen	Ceramic	Other	Other	Other Frag	Not Burned	-	Stoneware	-	-	-	-	1	1.2	White With Blue Pattern	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	198	Shot 110	Surface	-	Kitchen	Ceramic	Other	Other	Other Frag	Not Burned	-	Stoneware	-	-	-	-	2	1.0	White With Multi-Colored Pattern	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	199	Shot 111	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag	Not Burned	-	Stoneware	-	-	-	-	2	9.7	White With Multi-Colored Pattern	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	200	Shot 111	Surface	-	Debtage	Angular Waste	Angular Waste	None	Interior	Patinated	-	Aphanitic	SPV	8-13 mm	-	-	1	0.3	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	201	Shot 111	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Clear Glass	-	-	-	-	1	0.4	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	202	Shot 111	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Cobalt Blue Glass	-	-	-	-	1	1.2	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	203	Shot 111	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Clear Glass	-	-	-	-	1	0.4	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	204	Shot 112	Surface	-	Debtage	Flake	Blade Thinning	None	Interior	Patinated	-	Aphanitic	SPV	14-25 mm	-	-	1	2.0	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	205	Shot 113	Surface	-	Consumer	Glass	Bottle	Container	Finish Frag	Not Burned	-	Cobalt Blue Glass	-	-	-	Large Thread	2	6.5	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	206	Shot 114	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Cobalt Blue Glass	-	-	-	-	1	0.9	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	207	Shot 115	Surface	-	Consumer	Glass	Bottle	Container	Body Frag	Not Burned	-	Cobalt Blue Glass	-	-	-	-	1	6.7	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	208	Shot 115	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag	Not Burned	-	Porcelain	-	-	-	-	2	13.1	Decaled	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	209	Shot 116	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag	Not Burned	-	Porcelain	-	-	-	-	1	6.1	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	210	Shot 117	Surface	-	Hardware	Metal	Washer/Grommet	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	9.5	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	211	Shot 117	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag	Burned	-	Porcelain	-	-	-	-	1	2.4	Decaled	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	212	Shot 118	Surface	-	Livory Items	Metal	Horseshoe	Other	Whole	Not Burned	-	Iron	-	-	-	-	3	156.8	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	213	Shot 119	Surface	-	Consumer	Glass	Bottle	Container	Other Frag	Not Burned	-	Clear Glass	-	-	-	-	1	1.9	-	Speed (03/05/08)	Office (03/05/08)	-
SDI-17918	214	Shot 119	Surface	-	Livory Items	Metal	Horseshoe	Other	Whole	Not Burned	-	Iron	-	-	-	-	1	13.8	-	Speed (03/05/08)	Office (03/05/08)	-

CA-6DI-17918 CATALOGUE

Site	Case	Provenance	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/Function	Material/Species	Size/Shape	Length (cm)/Shape/Function	Width (cm)/Finish	Thickness (cm)/Lip	Count	Weight (g)	Comments/ Material	Reference and Date	Location and Date	Quoted/ Repatriated When and Where?
SDI-17918	215	Shot 120	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	216	Shot 121	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	8.9	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	217	Shot 121	Surface	-	Debitage	Flake	Early Pressure Flake	None	Other Frag.	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	218	Shot 122	Surface	-	Consumer	Glass	Jar	Container	Other Frag.	Patinated	Foed	Clear Glass	Round	-	-	-	1	31.2	"BEST" "FOODS" "REGISTERED"	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	219	Shot 123	Surface	-	Building Material	Glass	Window	Other	Other Frag.	Not Burned	-	Aqua Glass	-	-	-	-	27	39.7	Sample From Larger Scatter of Glass	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	220	Shot 124	Surface	-	Unidentifiable Metal Frag.	Metal	Other	Other	Other Frag.	Not Burned	-	Porphyritic, Fine Grained	Aluminum	14-25 mm	-	-	1	47.9	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	221	Shot 125	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	-	SPV	-	-	-	-	1	3.2	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	222	Shot 125	Surface	-	Consumer	Ceramic	Crock	Container	Body Frag.	Not Burned	-	Earthenware	-	-	-	-	1	12.5	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	223	Shot 126	Surface	-	Consumer	Metal	Can	Container	Base Frag.	Not Burned	-	Iron	-	-	-	-	1	119.9	Large Rectangular	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	224	Shot 127	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Green Glass	-	-	-	-	1	3.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	225	Shot 127	Surface	-	Unidentified Item	Ceramic	Other	Other	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	2.5	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	226	Shot 127	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	2.1	Decided	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	227	Shot 128	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	3.6	Decided	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	228	Shot 129	Surface	-	Consumer	Metal	Can	Container	Base Frag.	Not Burned	-	Iron	-	-	-	-	1	12.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	229	Shot 130	Surface	-	Consumer	Ceramic	Crock	Container	Body Frag.	Not Burned	-	Earthenware	-	-	-	-	1	11.2	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	230	Shot 131	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	1.4	Decided	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	231	Shot 131	Surface	-	Building Material	Glass	Window	Other	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	2.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	232	Shot 131	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	1	1.5	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	233	Shot 132	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amber Glass	-	-	-	-	1	1.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	234	Shot 132	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amber Glass	-	-	-	-	3	53.7	Placed at Base and Body, "half"	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	235	Shot 133	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amber Glass	-	-	-	-	1	6.1	Unidentifiable Whiting	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	236	Shot 133	Surface	-	Consumer	Metal	Can	Container	Body Frag.	Not Burned	-	Iron	-	-	-	-	1	147.1	Large Rectangular with Spout	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	237	Shot 134	Surface	-	Unidentified Item	Ceramic	Other	Other	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	2.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	238	Shot 134	Surface	-	Unidentifiable Metal Frag.	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	5	135.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	239	Shot 135	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	208.9	Decided	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	240	Shot 136	Surface	-	Building Material	Metal	Hinge	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	161.2	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	241	Shot 137	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Green Glass	-	-	-	-	1	4.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	242	Shot 138	Surface	-	Debitage	Flake	Blade Reduction	None	Interior	Patinated	Aphanitic	SPV	8-13 mm	-	-	-	1	0.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	243	Shot 138	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aqua Glass	-	-	-	-	6	17.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	244	Shot 139	Surface	-	Kitchen	Ceramic	Cup/Mug	Tableware	Base Frag.	Not Burned	-	Stoneware	-	-	-	-	4	14.9	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	245	Shot 140	Surface	-	Building Material	Glass	Window	Other	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	4	9.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	246	Shot 140	Surface	-	Consumer	Metal	Can	Container	Body Frag.	Not Burned	-	Iron	-	-	-	-	6	272.6	Large Rectangular Can	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	247	Shot 141	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	10.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	248	Shot 142	Surface	-	Unidentified Item	Glass	Other	Other	Other Frag.	Not Burned	-	Milk Glass	-	-	-	-	1	4.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	249	Shot 142	Surface	-	Debitage	Flake	Blade Thinning	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	1	0.7	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	250	Shot 144	Surface	-	Kitchen	Ceramic	Cup/Mug	Tableware	Base Frag.	Not Burned	-	Stoneware	-	-	-	-	1	9.7	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	251	Shot 145	Surface	-	Kitchen	Ceramic	Other	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	1.3	White With Red Pattern	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	252	Shot 146	Surface	-	Kitchen	Ceramic	Cup/Mug	Tableware	Body Frag.	Not Burned	-	Stoneware	-	-	-	-	1	4.2	White With Blue Pattern	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	253	Shot 147	Surface	-	Unidentifiable Metal Frag.	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	4	11.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	254	Shot 148	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	10.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	255	Shot 148	Surface	-	Unidentifiable Metal Frag.	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	35.3	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	256	Shot 150	Surface	-	Consumer	Metal	Can	Container	Finish Frag.	Not Burned	-	Pu-Tab Composite	-	-	-	-	1	13.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	257	Shot 151	Surface	-	Consumer	Metal	Can	Container	Base Frag.	Not Burned	-	Iron	-	-	-	-	1	9.4	Sanitary	Speed (03/06/08)	Office (03/06/08)	-

CA-SDI-17918 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference Date	Location and Date	Cursed/ Reutilized When and Where?
SDI-17918	258	Shot 152	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	2	3.7	White With Blue and Yellow Pattern	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	258	Shot 152	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	Round	-	-	-	1	38.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	260	Shot 154	Surface	-	Consumer	Glass	Jar	Container	Finish Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	12.3	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	261	Shot 155	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	1.1	White With Blue Pattern	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	262	Shot 155	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	4.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	263	Shot 156	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	3	2.7	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	264	Shot 156	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	1.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	265	Shot 156	Surface	-	Consumer	Ceramic	Crock	Container	Other Frag.	Not Burned	-	Earthenware	-	-	-	-	1	2.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	266	Shot 156	Surface	-	Unidentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Brass/Copper	-	-	-	-	1	1.2	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	267	Shot 157	Surface	-	Debris	Flake	Brace Reduction	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	7.7	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	268	Shot 158	Surface	-	Core	Core	Unidirectional	None	Interior	Patinated	Fractured	MO	-	-	-	-	1	213.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	269	Shot 159	Surface	-	Building Material	Metal	Wire/Chain	Other	Other Frag.	Not Burned	-	Other Metal	-	-	-	-	1	18.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	270	Shot 159	Surface	-	Unidentified Name	Glass	Other	Other	Whole	Not Burned	-	Clear Glass	-	-	-	-	1	18.8	Flat Round Glass Piece	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	271	Shot 159	Surface	-	Building Material	Metal	Nail	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	3	13.7	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	272	Shot 159	Surface	-	Unidentified Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	1.0	Possible Part of Gasket	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	273	Shot 160	Surface	-	Livery Items	Metal	Buckle	Hardware	Whole	Not Burned	-	Brass/Copper	-	-	-	-	1	37.9	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	274	Shot 160	Surface	-	Automotive Building Material	Metal	Other	Hardware	Whole	Not Burned	-	Other Metal	-	-	-	-	1	38.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	275	Shot 161	Surface	-	Building Material	Metal	Hinge	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	86.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	276	Shot 162	Surface	-	Building Material	Metal	Nail	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	4	23.9	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	277	Shot 162	Surface	-	Hardware Building Material	Metal	Bolt/Nut/Screw	Hardware	Whole	Not Burned	-	Other Metal	-	-	-	-	1	4.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	278	Shot 162	Surface	-	Building Material	Glass	Window	Other	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	4	2.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	279	Shot 163	Surface	-	Faunal Shell	Shell	Hinge	-	Fragment	Not Burned	-	-	-	-	-	-	1	0.1	Oolite	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	280	Shot 164	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Amethyst Glass	-	-	-	-	1	13.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	281	Shot 164	Surface	-	Consumer	Glass	Jar	Container	Body Frag.	Not Burned	-	Aqua Glass	-	-	-	-	3	12.0	Unidentifiable Writing	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	282	Shot 164	Surface	-	Unidentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	0.7	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	283	Shot 164	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	2	4.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	284	Shot 165	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Clear Glass	Round	-	-	-	1	18.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	285	Shot 165	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aqua Glass	-	-	-	-	3	8.9	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	286	Shot 166	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	2.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	287	Shot 166	Surface	-	Kitchen	Ceramic	Plate/Saucer	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	2.7	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	288	Shot 167	Surface	-	Kitchen	Ceramic	Bowl	Tableware	Other Frag.	Not Burned	-	Stoneware	-	-	-	-	1	3.2	White With Blue Pattern	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	289	Shot 168	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	1.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	290	Shot 168	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amethyst Glass	-	-	-	-	1	2.2	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	291	Shot 169	Surface	-	Debris	Flake	Brace Reduction	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	4.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	292	Shot 170	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	20	47.5	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	293	Shot 171	Surface	-	Core	Core	Unidirectional	None	Interior	Patinated	Fractured	MO	-	-	-	-	1	19.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	294	Shot 172	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Milk Glass	-	-	-	-	4	19.2	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	295	Shot 173	Surface	-	Groundstone	Mono	Bifacial	Nail Shouldered	Complete	Not Burned	-	Porphyritic, Fine Grained	MO	-	7.6	5.9	5	326.4	Also Hammerstone	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	296	Shot 174	Surface	-	Faunal Bone	Bone	Long Bone	-	Fragment	Not Burned	-	-	-	-	-	-	1	12.9	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	297	Shot 175	Surface	-	Debris	Flake	Brace Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	4.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	298	Shot 175	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	1.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	299	Shot 175	Surface	-	Consumer	Glass	Bottle	Container	Finish Frag.	Not Burned	-	Cobalt Blue Glass	-	-	-	-	1	3.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	300	Shot 176	Surface	-	Intrusive	Intrusive	Cinderblock	-	-	-	-	-	-	-	-	-	3	-	Not Collected	Speed (03/06/08)	Office (03/06/08)	-

CA-SP-17918 CATALOGUE

Site	Cat#	Provenance	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinaled	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated/ Registered When and Where?
SDI-17918	301	Shot 177	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Whole	Not Burned	-	Iron	-	-	-	-	1	88.7	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	302	Shot 178	Surface	-	Debris	Angular Waste	Angular Waste	None	Interior	Patinaled	Fractured	MO	8-13 mm	-	-	-	1	0.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	303	Shot 179	Surface	-	Unidentifiable Items	Plastic	Other	Other	Other Frag.	Not Burned	-	Plastic	-	-	-	-	1	0.5	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	304	Shot 180	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	31.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	305	Shot 181	Surface	-	Consumer Bulding Material	Glass	Bottle	Container	Other Frag.	Not Burned	-	Green Glass	-	-	-	-	1	2.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	306	Shot 181	Surface	-	Consumer Material	Glass	Window	Other	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	0.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	307	Shot 182	Surface	-	Debris	Flake	Unidentified	None	Interior	Patinaled	Fractured	MO	14-25 mm	-	-	-	2	5.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	308	Shot 183	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Amber Glass	Round	-	-	-	1	27.4/26"	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	309	Shot 184	Surface	-	Unidentifiable Metal Frag	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	8.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	310	Shot 185	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amber Glass	-	-	-	-	27	33.1	Unidentifiable Writing	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	311	Shot 185	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aqua Glass	-	-	-	-	1	1.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	312	Shot 185	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Milk Glass	-	-	-	-	2	8.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	313	Shot 185	Surface	-	Automotive	Glass	Windshield	Other	Other Frag.	Not Burned	-	Safety Glass	-	-	-	-	1	0.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	314	Shot 185	Surface	-	Building Material	Metal	Nail	Hardware	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	1.3	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	315	Shot 185	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Green Glass	-	-	-	-	1	0.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	316	Shot 186	Surface	-	Building Material	Metal	Pipe	Hardware	Whole	Not Burned	-	Brass/Copper	-	-	-	-	1	45.3	90 Degree Pipe Joint	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	317	Shot 186	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Milk Glass	-	-	-	-	1	9.2	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	318	Shot 186	Surface	-	Automotive	Glass	Windshield	Other	Other Frag.	Not Burned	-	Safety Glass	-	-	-	-	5	1.6	Large Amount of Additional Glass Left	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	319	Shot 186	Surface	-	Automotive	Glass	Windshield	Other	Other Frag.	Not Burned	-	Safety Glass	-	-	-	-	2	5.2	Tinted	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	320	Shot 186	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Green Glass	-	-	-	-	1	1.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	321	Shot 187	Surface	-	Debris	Flake	Blade Reduction	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	4.0	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	322	Shot 188	Surface	-	Debris	Flake	Blade Reduction	None	Interior	Patinaled	Aphanitic	SPV	8-13 mm	-	-	-	1	0.4	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	323	Shot 189	Surface	-	Debris	Angular Waste	Angular Waste	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	1	1.5	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	324	Shot 190	Surface	-	Debris	Flake	Edge Prep	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	325	Shot 191	Surface	-	Debris	Flake	Blade Reduction	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	3.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	326	Shot 192	Surface	-	Debris	Flake	Blade Reduction	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	1	1.2	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	327	Shot 193	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Amber Glass	-	-	-	-	1	6.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	328	Shot 194	Surface	-	Debris	Angular Waste	Angular Waste	None	Interior	Patinaled	Fractured	MO	14-25 mm	-	-	-	1	12.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	329	Shot 195	Surface	-	Fixed LUNG Tool	Flake Tool	Rebouch	None	Interior	Patinaled	Aphanitic	SPV	-	3.2	1.5	0.6	1	2.8	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	330	Shot 198	Surface	-	Debris	Flake	Core Reduction	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	>25 mm	-	-	-	1	7.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	331	Shot 197	Surface	-	Debris	Flake	Blade Reduction	None	Interior	Patinaled	Aphanitic	SPV	14-25 mm	-	-	-	1	2.6	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	332	Shot 198	Surface	-	Debris	Angular Waste	Angular Waste	None	Interior	Patinaled	Fractured	MO	14-25 mm	-	-	-	1	3.5	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	333	Shot 199	Surface	-	Unidentified Name	Glass	Dish	Other	Other Frag.	Not Burned	-	Other Glass	-	-	-	-	1	1.1	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	334	Shot 199	Surface	-	Debris	Flake	Unidentified	None	Interior	Patinaled	Aphanitic	SPV	8-13 mm	-	-	-	1	1.3	-	Speed (03/06/08)	Office (03/06/08)	-
SDI-17918	335	Shot 200	Surface	-	Debris	Flake	Blade Reductor	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	2	1.1	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	336	Shot 201	Surface	-	Debris	Flake	Blade Reduction	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	337	Shot 202	Surface	-	Debris	Flake	Blade Reduction	None	Interior	Patinaled	Aphanitic	SPV	8-13 mm	-	-	-	1	0.6	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	338	Shot 203	Surface	-	Debris	Flake	Unidentified	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	339	Shot 204	Surface	-	Debris	Flake	Core Reduction	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	6.0	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	340	Shot 205	Surface	-	Debris	Flake	Unidentified	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	1	1.5	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	341	Shot 206	Surface	-	Debris	Flake	Blade Reduction	None	Interior	Patinaled	Porphyritic, Fine Grained	SPV	8-13 mm	-	-	-	1	0.3	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	342	Shot 207	Surface	-	Debris	Flake	Alternate	None	Interior	Patinaled	Fractured	MO	8-13 mm	-	-	-	1	0.6	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	343	Shot 208	Surface	-	Fixed LUNG Tool	Flake Tool	Rebouch	None	Interior	Patinaled	Aphanitic	SPV	-	2.8	1.9	0.8	1	4.6	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	344	Shot 209	Surface	-	Debris	Angular Waste	Angular Waste	None	Interior	Patinaled	Fractured	MO	14-25 mm	-	-	-	1	17.9	-	Speed (03/07/08)	Office (03/07/08)	-

CA-SDI-17918 CATALOGUE

Site	Case	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/Function	Material/Species	Size/Shape	Length/cm/Shape Function	Width/cm/Finish	Thickness/cm/Lip	Count	Weight (g)	Comments/Marker	Reference and Date	Location and Date	Curated/Repatriated When and Where?
SDI-17918	345	Shot 210	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	8.9	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	345	Shot 211	Surface	-	Consumer	Metal	Can	Container	Base Frag.	Not Burned	-	Iron	-	-	-	-	9	33.3	Seretary	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	347	Shot 212	Surface	-	Debitage	Flake	Edge Thinning	None	Interior	Patinated	Aphanitic	SPV	6-13 mm	-	-	-	2	1.3	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	348	Shot 213	Surface	-	Munitions and Arms	Composite Item	Shotgun Shell	Other	Other Frag.	Not Burned	-	Composite	-	-	-	-	8	7.2	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	349	Shot 213	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Amber Glass	Round	-	-	-	1	27.7	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	350	Shot 214	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Clear Glass	Square	-	-	-	1	30.0	AIN'S	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	351	Shot 214	Surface	-	Consumer	Glass	Bottle	Container	Body Frag.	Not Burned	-	Olive Green Glass	-	-	-	-	1	19.8	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	352	Shot 215	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MG	14-25 mm	-	-	-	1	8.5	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	353	Shot 216	Surface	-	Building Material	Metal	Pipe	Other	-	-	-	-	-	-	-	-	-	-	Large Pipe Frag Not Collected	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	354	Shot 217	Surface	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Fractured	MG	6-13 mm	-	-	-	1	1.7	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	355	Shot 218	Surface	-	Intrusive	Intrusive	Cobble	-	Fragment	Not Burned	-	-	-	-	-	-	1	160.4	Intrusive Cobble Frag?	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	356	Shot 219	Surface	-	Building Material	Glass	Window	Other	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	0.7	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	357	Shot 219	Surface	-	Flaked Lithic Tool	Flake Tool	Retouch	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	-	2.7	1.2	0.5	1	2.0	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	358	Shot 220	Surface	-	Building Material	Metal	Pipe	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	2	74.7	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	359	Shot 221	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MG	>25 mm	-	-	-	1	36.8	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	360	Shot 222	Surface	-	Unidentified Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	6	21.2	Rusted Metal Concentration, 100+ Frags. Total Sample Collected.	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	361	Shot 223	Surface	-	Unidentified Items	Glass	Other	Container	Other Frag.	Not Burned	-	Milk Glass	-	-	-	-	1	2.3	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	362	Shot 224	Surface	-	Household Items	Composite Item	Flowerpot	Container	Other Frag.	Not Burned	-	Terra Cotta	-	-	-	-	1	14.3	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	363	Shot 225	Surface	-	Faunal Bone	Bone	Pelvis	-	Fragment	Not Burned	-	-	-	-	-	-	1	1.3	Rabbit Pelvis	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	364	Shot 226	Surface	-	Intrusive	Intrusive	-	-	-	-	-	-	-	-	-	-	-	-	Chicken wire and milled lumber, not collected.	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	365	Shot 227	Surface	-	Household Items	Composite Item	Flowerpot	Container	Body Frag.	Not Burned	-	Stoneware	-	-	-	-	1	222.6	Pink flowerpot frag glass with 368.	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	366	Shot 227	Surface	-	Building Material	Ceramic	Insulator	Other	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	43.6	5 1/2"	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	367	Shot 228	Surface	-	Intrusive	Intrusive	-	-	-	-	-	-	-	-	-	-	-	-	Area of refuse, 10cm diameter, milled lumber, furniture drawer, painted sign, plastic broom brush, terra cotta flower pot, plastic pipe, waffle gnidle, metal pan and metal squeegee, not collected.	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	368	Shot 229	Surface	-	Household Items	Ceramic	Flowerpot	Container	Body Frag.	Not Burned	-	Stoneware	-	-	-	-	1	71.5	Pink flowerpot frag goes with 365.	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	369	Shot 229	Surface	-	Household Items	Ceramic	Flowerpot	Container	Body Frag.	Not Burned	-	Terra Cotta	-	-	-	-	1	81.3	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	370	Shot 231	Surface	-	Household Items	Ceramic	Flowerpot	Container	Body Frag.	Not Burned	-	Terra Cotta	-	-	-	-	2	79.8	Pinkish green, 25+ pieces plus gravel present, 2 collected.	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	371	Shot 232	Surface	-	Kitchen	Metal	Spoon	Tableware	Whole	Not Burned	-	Silver	-	-	-	-	1	28.0	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	372	Shot 233	Surface	-	Unidentified Metal Frags	Metal	Other	Other	Other Frag.	-	-	-	-	-	-	-	-	-	Unidentified metal, not collected.	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	373	Shot 234	Surface	-	Intrusive	Intrusive	Dime	-	-	-	-	-	-	-	-	-	1	2.2	1960 Dime	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	374	Shot 234	Surface	-	Building Material	Glass	Window	Other	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	1.4	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	375	Shot 234	Surface	-	Building Material	Composite Item	Insulator	Other	Whole	Not Burned	-	Composite	-	-	-	-	1	284.0	Large Insulator	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	376	Shot 235	Surface	-	Household Items	Ceramic	Flowerpot	Container	Base Frag.	Not Burned	-	Stoneware	-	-	-	-	1	286.5	Pink flowerpot frag	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	377	Shot 235	Surface	-	Household Items	Ceramic	Flowerpot	Container	Body Frag.	Not Burned	-	Terra Cotta	-	-	-	-	2	268.1	Terra cotta flowerpot shatter, 30+ pieces, 1.5m diameter sample taken.	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	378	Shot 235	Surface	-	Household Items	Ceramic	Flowerpot	Container	Base Frag.	Not Burned	-	Terra Cotta	-	-	-	-	1	35.5	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	379	Shot 236	Surface	-	Building Material	Ceramic	Insulator	Other	Other Frag.	Not Burned	-	Porcelain	-	-	-	-	1	40.1	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	380	Shot 237	Surface	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	11.9	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	381	Shot 238	Surface	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	>25 mm	-	-	-	1	7.1	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	382	Shot 239	Surface	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Amethyst Glass	-	-	-	-	1	3.7	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	383	Shot 240	Surface	-	Consumer	Glass	Bottle	Container	Base Frag.	Not Burned	-	Amber Glass	-	-	-	-	4	182.5	Maker's Mark	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	384	Shot 241	Surface	-	Debitage	Flake	Core Reduction	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	3.8	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	385	STP ON 20W	0-10 cm	-	Consumer	Glass	Bottle	Container	Finish Frag	Not Burned	-	Amber Glass	-	-	-	-	1	78.5	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	386	STP ON 20W	0-10 cm	-	Consumer	Glass	Bottle	Container	Other Frag.	Burned	-	Clear Glass	-	-	-	-	15	79.0	-	Speed (03/07/08)	Office (03/07/08)	-
SDI-17918	387	STP ON 20W	0-10 cm	-	Consumer	Glass	Bottle	Container	Finish Frag	Not Burned	-	Amber Glass	-	-	-	-	2	23.7	-	Speed (03/07/08)	Office (03/07/08)	-

CA-SD-17918 CATALOGUE

Site	Cat#	Provenience	Level	Feature	Class	Item	Type	Subtype	Condition	Burned/Patinated	Modification/ Function	Material/Species	Size/ Shape	Length(cm)/ Shape Function	Width(cm)/ Finish	Thickness(cm)/ Lip	Count	Weight (g)	Comments/ Maker	Reference and Date	Location and Date	Curated, Revisited When and Where?
SD-17918	385	STP DN/20W	0-10 cm	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	9	87.3	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	389	STP DN/20W	0-10 cm	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	2	2.6	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	390	STP DN/20W	10-20 cm	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aque Glass	-	-	-	-	1	4.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	391	STP DN/20W	10-20 cm	-	Undentifiable Items	Glass	Other	Container	Base Frag.	Not Burned	-	MRK Glass	-	-	-	-	1	3.4	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	392	STP 30S/0E	0-10 cm	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	29	26.0	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	393	STP 30S/0E	10-20 cm	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	23	89.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	394	STP 10N/10E	0-10 cm	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Fractured	MQ	6-13 mm	-	-	-	1	0.6	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	395	STP 40N/0E	0-10 cm	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Aphanitic	SPV	6-13 mm	-	-	-	1	1.5	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	396	STP DN/8 5W	0-10 cm	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	8	37.9	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	397	STP DN/30E	0-10 cm	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	3	0.3	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	399	Unit 1	0-10 cm	-	Consumer	Glass	Bottle	Container	Other Frag.	Not Burned	-	Aque Glass	-	-	-	-	1	0.5	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	399	Unit 1	0-10 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	2	5.9	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	400	Unit 1	0-10 cm	-	Building Material	Metal	Nail	Hardware	Whole	Not Burned	-	Iron	-	-	-	-	1	8.8	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	401	Unit 1	0-10 cm	-	Debitage	Flake	Edge Thinning	None	Interior	Patinated	Aphanitic	SPV	6-13 mm	-	-	-	1	0.3	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	402	Unit 1	0-10 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	6-13 mm	-	-	-	1	1.2	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	403	Unit 1	0-10 cm	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Aphanitic	SPV	6-13 mm	-	-	-	1	1.3	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	404	Unit 1	10-20 cm	-	Building Material	Metal	Wire/Chain	Other	Other Frag.	Not Burned	-	Other Metal	-	-	-	-	1	1.8	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	405	Unit 1	10-20 cm	-	Burned Ecolact	Fire-Affected Rock	Various	Subrounded	Undifferentiated	Burned	-	ECQ	-	-	-	-	1	538.7	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	406	Unit 1	10-20 cm	-	Debitage	Flake	Alternate	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	6-13 mm	-	-	-	1	0.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	407	Unit 1	10-20 cm	-	Debitage	Flake	Undentified	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	4-7 mm	-	-	-	1	0.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	408	Unit 1	10-20 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	2.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	409	Unit 1	10-20 cm	-	Debitage	Angular Waste	Angular Waste	Rounded	Secondary	Patinated	Porphyritic, Fine Grained	SPV	6-13 mm	-	-	-	1	0.8	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	410	Unit 1	10-20 cm	-	Intrusive	Intrusive	Asphalt	-	-	-	-	-	-	-	-	-	1	0.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	411	Unit 1	10-20 cm	-	Undentifiable Metal Frags	Metal	Other	Other	Other Frag.	Not Burned	-	Iron	-	-	-	-	1	0.3	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	412	Unit 1	10-20 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	14-25 mm	-	-	-	1	2.8	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	413	Unit 1	20-30 cm	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	2.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	414	Unit 1	20-30 cm	-	Debitage	Flake	Undentified	None	Interior	Patinated	Fractured	MQ	6-13 mm	-	-	-	1	0.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	415	Unit 1	20-30 cm	-	Debitage	Flake	Edge Thinning	None	Interior	Patinated	Aphanitic	SPV	6-13 mm	-	-	-	1	0.5	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	416	Unit 1	10-40 cm	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	3.3	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	417	Unit 1	10-40 cm	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Aphanitic	SPV	6-13 mm	-	-	-	1	0.3	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	418	Unit 1	30-40 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	6-13 mm	-	-	-	2	1.2	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	419	Unit 1	30-40 cm	-	Debitage	Flake	Edge Reduction	Angular	Tertiary	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	1	8.0	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	420	Unit 1	30-40 cm	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Aphanitic	SPV	14-25 mm	-	-	-	1	1.5	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	421	Unit 1	30-40 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Aphanitic	SPV	6-13 mm	-	-	-	1	0.3	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	422	Unit 1	40-50 cm	-	Debitage	Flake	Edge Reduction	Rounded	Tertiary	Patinated	Aphanitic	SPV	6-13 mm	-	-	-	1	1.9	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	423	Unit 1	40-50 cm	-	Debitage	Flake	Early Pressure	None	Interior	Patinated	Aphanitic	SPV	4-7 mm	-	-	-	1	0.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	424	Unit 1	40-50 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	14-25 mm	-	-	-	2	7.6	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	425	Unit 1	50-60 cm	-	Burned Ecolact	Fire-Affected Rock	Various	Subrounded	Undifferentiated	Burned	-	ECQ	-	-	-	-	3	174.4	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	426	Unit 1	50-60 cm	-	Debitage	Flake	Edge Reduction	None	Interior	Patinated	Porphyritic, Fine Grained	SPV	6-13 mm	-	-	-	3	3.8	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	427	Unit 1	50-60 cm	-	Debitage	Flake	Edge Thinning	None	Interior	Patinated	Aphanitic	SPV	6-13 mm	-	-	-	3	0.3	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	428	Unit 1	50-60 cm	-	Undentified Items	Class	Other	Other	Other Frag.	Not Burned	-	Clear Glass	-	-	-	-	1	0.1	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	428	Unit 1	50-60 cm	-	Debitage	Angular Waste	Angular Waste	None	Interior	Patinated	Fractured	MQ	6-13 mm	-	-	-	4	1.8	-	Speed (03/07/08)	Office (03/07/08)	-
SD-17918	430	Unit 1	60-70 cm	-	Burned Ecolact	Fire-Affected Rock	Various	Subrounded	Undifferentiated	Burned	-	ECQ	-	-	-	-	4	2549.6	-	Speed (03/07/08)	Office (03/07/08)	-

CA-SD-17918 CATALOGUE

[illegible]

APPENDIX D
PHOTOGRAPH LOGS

Rrapin
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PHOTOGRAPH RECORD

Primary #: _____
HRI #: _____
Trinomial: _____

Page 1 of 1

Resource Name or # (Assigned by recorder): Potrero TPM

Year: 2006

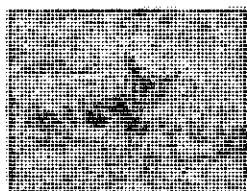
Camera Format: Digital

Negatives Kept at: Laguna Mountain Environmental, Inc.

Mo.	Day	Time	Frame	Subject/Description	View	Accession #
5	31	9:50	1	Bunny	-	PR-01525-001
5	31	9:50	2	Bunny	-	PR-01525-002
5	31	9:50	3	SantiagoPeak Volcanic Flake PO-S-1	Planview	PR-01525-003
5	31	9:50	4	North overview of PO-S-1 with Spencer	N	PR-01525-004
5	31	10:10	5	North overview of PO-S-1	N	PR-01525-005
5	31	10:10	6	North overview of PO-S-1	N	PR-01525-006
5	31	10:10	7	NG makers mark PO-S-2	-	PR-01525-007
5	31	10:10	8	NG makers mark PO-S-2	-	PR-01525-008
5	31	10:10	9	Owens III. Makers mark PO-S-2	-	PR-01525-009
5	31	10:10	10	Owens III. Makers mark PO-S-2	-	PR-01525-010
5	31	10:10	11	Ball makers mark PO-S-2	-	PR-01525-011
5	31	10:10	12	Ball makers mark PO-S-2	-	PR-01525-012
5	31	10:10	13	Milk bottle markings PO-S-2	-	PR-01525-013
5	31	10:10	14	Santiago Peak Volcanic flake PO-S-2	-	PR-01525-014
5	31	10:10	15	Santiago Peak Volcanic flake PO-S-2	-	PR-01525-015
5	31	10:10	16	Milk bottle markings PO-S-2	-	PR-01525-016
5	31	10:10	17	Milling features PO-S-2	-	PR-01525-017
5	31	10:10	18	Santiago Peak Volcanic flake, possible modified flake PO-S-1	-	PR-01525-018
5	31	10:10	19	Santiago Peak Volcanic Core PO-S-1	-	PR-01525-019
5	31	10:10	20	Santiago Peak Volcanic Core PO-S-1	-	PR-01525-020
5	31	10:10	21	North overview PO-S-1	N	PR-01525-021
5	31	10:10	22	Retouched flake PO-S-3	-	PR-01525-022
5	31	10:10	23	Retouched flake PO-S-3	-	PR-01525-023
5	31	10:10	24	Mano fragment in rock pile PO-S-1	SW	PR-01525-024
5	31	10:10	25	Water Tank PO-S-3	NW	PR-01525-025



PR-01525-001.JPG



PR-01525-002.JPG



PR-01525-003.JPG



PR-01525-004.JPG



PR-01525-005.JPG



PR-01525-006.JPG



PR-01525-007.JPG



PR-01525-008.JPG



PR-01525-009.JPG



PR-01525-010.JPG



PR-01525-011.JPG



PR-01525-012.JPG



PR-01525-013.JPG



PR-01525-014.JPG



PR-01525-015.JPG



PR-01525-016.JPG



PR-01525-017.JPG



PR-01525-018.JPG



PR-01525-019.JPG



PR-01525-020.JPG



PR-01525-021.JPG



PR-01525-022.JPG



PR-01525-023.JPG



PR-01525-024.JPG



PR-01525-025.JPG

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PHOTOGRAPH RECORD

Primary #: _____
HRI #: _____
Trinomial: _____

Page 6 of

Resource Name or # (Assigned by recorder): Potrero TPM

Year: 2006

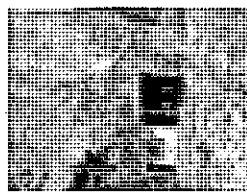
Camera Format: Digital

Negatives Kept at: Laguna Mountain Environmental, Inc.

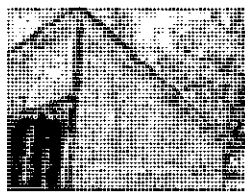
Mo.	Day	Time	Frame	Subject/Description	View	Accession #
5	31	10:10	25	Secondary Structure PO-S-5	NW	PR-01526-001
5	31	10:10	26	Outside secondary structure PO-S-5	NW	PR-01526-002
5	31	10:10	27	Outside secondary structure PO-S-5	NW	PR-01526-003
5	31	10:10	28	Outside secondary structure PO-S-5	NW	PR-01526-004
5	31	10:10	29	Inside secondary structure PO-S-5	NW	PR-01526-005
5	31	10:10	30	Inside secondary structure PO-S-5	W	PR-01526-006
5	31	10:10	31	Wood barn PO-S-5	N	PR-01526-007
5	31	10:10	32	Metal Barn PO-S-5	N	PR-01526-008
5	31	10:10	33	Santiago Peak Volcanic flake PO-I-1	-	PR-01526-009
5	31	10:10	34	Santiago Peak Volcanic flake PO-I-1	-	PR-01526-010
5	31	10:10	35	East overview of PO-S-1	E	PR-01526-011
5	31	10:10	36	Tool PO-S-1	-	PR-01526-012
5	31	10:10	37	Tool PO-S-1	-	PR-01526-013
5	31	10:10	38	Tool PO-S-1	-	PR-01526-014
5	31	10:10	39	Tool PO-S-1	-	PR-01526-015
5	31	10:10	40	Tool PO-S-1	-	PR-01526-016
5	31	10:10	41	Rock wall PO-S-2	SW	PR-01526-017
5	31	10:10	42	Rockwall PO-S-2	SW	PR-01526-018
5	31	10:10	43	Overview looking West PO-S-2	SW	PR-01526-019
5	31	10:10	44	Overview PO-S-2	-	PR-01526-020
5	31	10:10	45	Overview PO-S-2	-	PR-01526-021
5	31	10:10	46	Milling Feature B PO-S-2	SW	PR-01526-022
5	31	10:10	47	Milling Feature C PO-S-2	E	PR-01526-023
5	31	10:10	48	Tool PO-I-2	-	PR-01526-024
5	31	10:10	49	Santiago Peak Volcanic flake PO-I-3	-	PR-01526-025
5	31	10:10	50	Santiago Peak Volcanic flake PO-I-3	-	PR-01526-026
5	31	10:10	51	Quartz PO-I-3	-	PR-01526-027
5	31	10:10	52	Quartz PO-I-3	-	PR-01526-028
5	31	10:10	53	Lichen Covered Rock Cairn	SE	PR-01526-029
5	31	10:10	54	Santiago Peak Volcanic flake PO-S-1	-	PR-01526-030
5	31	10:10	55	East Overview of PO-S-1	E	PR-01526-031
5	31	10:10	56	Santiago Peak Volcanic flake PO-S-1	-	PR-01526-032



PR-01526-001.JPG



PR-01526-002.JPG



PR-01526-003.JPG



PR-01526-004.JPG



PR-01526-005.JPG



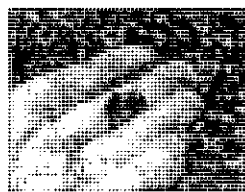
PR-01526-006.JPG



PR-01526-007.JPG



PR-01526-008.JPG



PR-01526-009.JPG



PR-01526-010.JPG



PR-01526-011.JPG



PR-01526-012.JPG



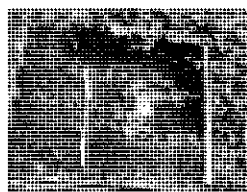
PR-01526-013.JPG



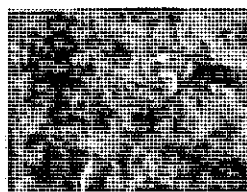
PR-01526-014.JPG



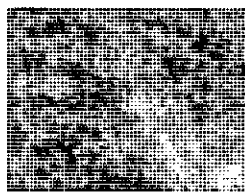
PR-01526-015.JPG



PR-01526-016.JPG



PR-01526-017.JPG



PR-01526-018.JPG



PR-01526-019.JPG



PR-01526-020.JPG



PR-01526-021.JPG



PR-01526-022.JPG



PR-01526-023.JPG



PR-01526-024.JPG



PR-01526-025.JPG



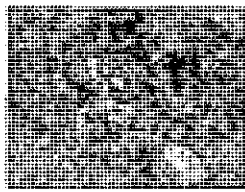
PR-01526-026.JPG



PR-01526-027.JPG



PR-01526-028.JPG



PR-01526-029.JPG



PR-01526-030.JPG



PR-01526-031.JPG



PR-01526-032.JPG

Primary #: _____
HRI #: _____
Trinomial: _____

Year: 2008

Negatives Kept at: Laguna Mountain Environmental, Inc.

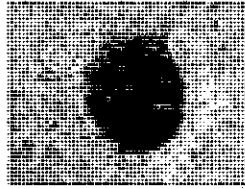
Required information is bold



PR-01967-001.JPG



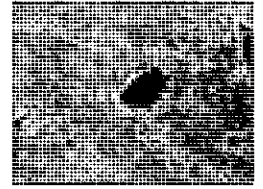
PR-01967-002.JPG



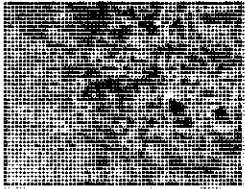
PR-01967-003.JPG



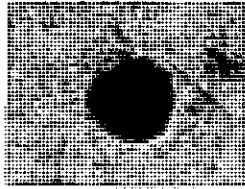
PR-01967-004.JPG



PR-01967-005.JPG



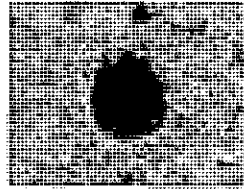
PR-01967-006.JPG



PR-01967-007.JPG



PR-01967-008.JPG



PR-01967-009.JPG

Primary #: _____
HRI #: _____
Trinomial: _____

Page 1 of 1

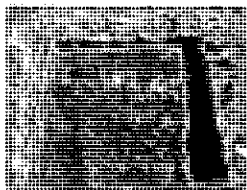
Resource Name or # (Assigned by recorder):

Year: 2008

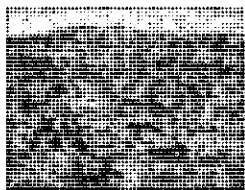
Camera Format: Digital

Negatives Kept at: Laguna Mountain Environmental, Inc.

[illegible]



PR-01974-001.JPG



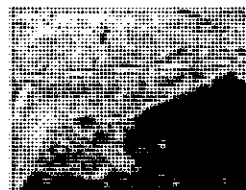
PR-01974-002.JPG



PR-01974-003.JPG



PR-01974-004.JPG



PR-01974-005.JPG

Primary #: _____
HRI #: _____
Trinomial: _____

Page 1 of 1

Resource Name or # (Assigned by recorder):

Year: 2008

Camera Format: Digital

Negatives Kept at: Laguna Mountain Environmental, Inc.

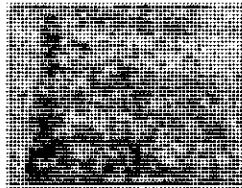
[illegible]



PR-01975-001.JPG



PR-01975-002.JPG



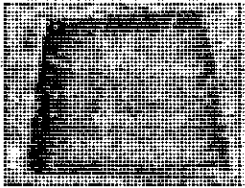
PR-01975-003.JPG



PR-01975-004.JPG



PR-01975-005.JPG



PR-01975-006.JPG



PR-01975-007.JPG



PR-01975-008.JPG



PR-01975-009.JPG



PR-01975-010.JPG

Primary #: _____
HRI #: _____
Trinomial: _____

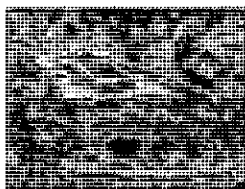
Year: 2008

Negatives Kept at: Laguna Mountain Environmental, Inc.

Required information is bold



PR-01984-001.JPG



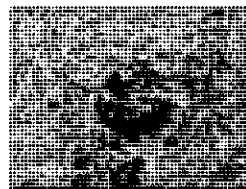
PR-01984-002.JPG



PR-01984-003.JPG



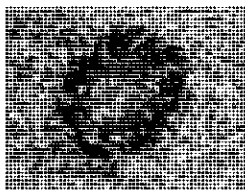
PR-01984-004.JPG



PR-01984-005.JPG



PR-01984-006.JPG



PR-01984-007.JPG



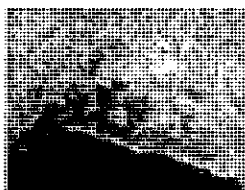
PR-01984-008.JPG



PR-01984-009.JPG



PR-01984-010.JPG



PR-01984-011.JPG

Primary #: _____
HRI #: _____
Trinomial: _____

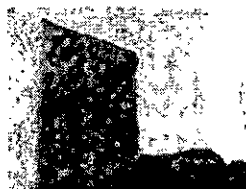
Year: 2008

Negatives Kept at: Laguna Mountain Environmental, Inc.

Required information is bold



PR-01986-001.JPG



PR-01986-002.JPG



PR-01986-003.JPG



PR-01986-004.JPG



PR-01986-005.JPG



PR-01986-006.JPG

Primary #: _____
HRI #: _____
Trinomial: _____

Year: 2008

Negatives Kept at: Laguna Mountain Environmental, Inc.

[illegible]



PR-01992-001.jpg



PR-01992-002.jpg



PR-01992-003.jpg



PR-01992-004.jpg



PR-01992-005.jpg



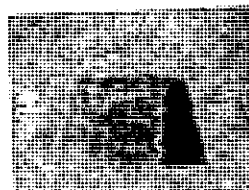
PR-01992-006.jpg



PR-01992-007.jpg



PR-01992-008.jpg



PR-01992-009.jpg



PR-01992-010.jpg



PR-01992-011.jpg



PR-01992-012.jpg



PR-01992-013.jpg



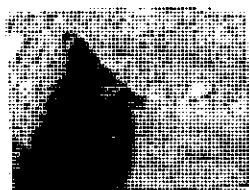
PR-01992-014.jpg



PR-01992-015.jpg



PR-01992-016.jpg



PR-01992-017.jpg



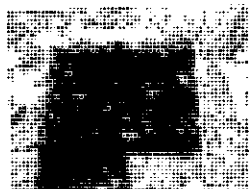
PR-01992-018.jpg



PR-01992-019.jpg



PR-01992-020.jpg



PR-01992-021.jpg

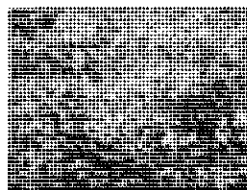


PR-01992-022.jpg

Required information is bold



PR-01998-001.jpg



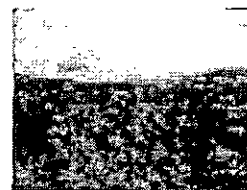
PR-01998-002.jpg



PR-01998-003.jpg



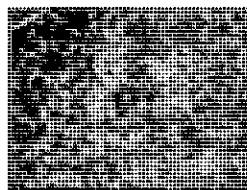
PR-01998-004.jpg



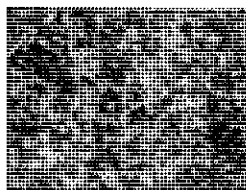
PR-01998-005.jpg



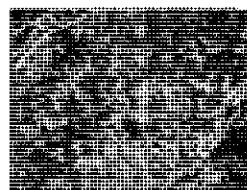
PR-01998-006.jpg



PR-01998-007.jpg



PR-01998-008.jpg



PR-01998-009.jpg



PR-01998-010.jpg



PR-01998-011.jpg



PR-01998-012.jpg



PR-01998-013.jpg



PR-01998-014.jpg



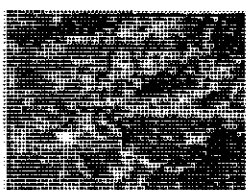
PR-01998-015.jpg



PR-01998-016.jpg



PR-01998-017.jpg



PR-01998-018.jpg



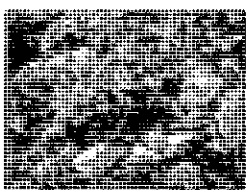
PR-01998-019.jpg



PR-01998-020.jpg



PR-01998-021.jpg



PR-01998-022.jpg



PR-01998-023.jpg



PR-01998-024.jpg



PR-01998-025.jpg



PR-01998-026.jpg



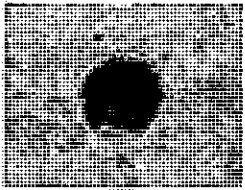
PR-01998-027.jpg

Primary #: _____
HRI #: _____
Trinomial: _____

Year: 2008

Negatives Kept at: Laguna Mountain Environmental, Inc.

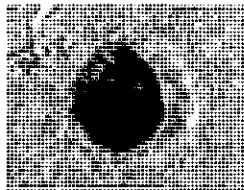
Required information is bold



PR-02026-001.JPG



PR-02026-002.JPG



PR-02026-003.JPG



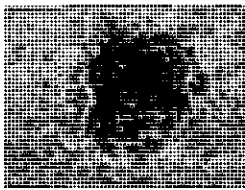
PR-02026-004.JPG

Primary #: _____
HRI #: _____
Trinomial: _____

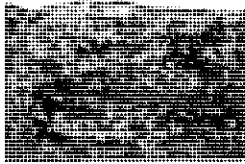
Year: 2008

Negatives Kept at: Laguna Mountain Environmental, Inc.

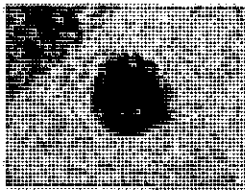
[illegible]



PR-02027-001.JPG



PR-02027-002.JPG



PR-02027-003.JPG



PR-02027-004.JPG

APPENDIX E
RECORDS SEARCH CONFIRMATIONS
AND
SITE LOCATIONS

(With Confidential Figures)

APPENDIX F
SITE FORMS AND SITE FORM UPDATES
(With Confidential Appendices)

APPENDIX G
CONFIDENTIAL FIGURES
(With Confidential Appendices)